

Virginia

Standards of Learning Assessments

**Spring 2016
Non-Writing
Tests**

**Manual for the
Division Director of Testing
and School Test Coordinators**

**Grades 3–8
Content Specific History
End-of-Course**

Only those persons who have signed the *School Division Personnel Test Security Agreement* may participate in the administration of the Standards of Learning assessments to students.

Revised March 24, 2016

Test Implementation Manual

Spring 2016 Standards of Learning (SOL) Non-Writing Test Administration Schedule

<input type="checkbox"/>	Begins February 1, 2016	Division submits Student Data Upload file via PearsonAccess.
<input type="checkbox"/>	By February 22, 2016	Special assessment accommodation request deadline.
<input type="checkbox"/>	March 7 – July 15, 2016	Additional Order window for DDOTs to place orders, via PearsonAccess, for test materials and shipping materials.
<input type="checkbox"/>	By Friday before first week of the division's testing window	Return the <i>School Division Test Security Agreement</i> to Pearson (Appendix A).
<input type="checkbox"/>	No later than four weeks after the end of the division's testing window	Return the <i>School Division Affidavit</i> to the Virginia Department of Education (Appendix A).
<input type="checkbox"/>	April 11 – June 24, 2016	Statewide Spring 2016 SOL <i>Non-Writing</i> testing. The division's test window is within this larger window.
<input type="checkbox"/>	No later than the last day of the division's testing window, or no later than July 1, 2016	Ship answer documents to Pearson, Cedar Rapids, IA.
<input type="checkbox"/>	No later than 4 weeks after the end of the division's testing window	Ship secure non-scorable test materials to Pearson, Cedar Rapids, IA.
<input type="checkbox"/>	By July 22, 2016	DDOTs submit Spring 2016 ATP (Authorization to Proceed) request via PearsonAccess after resolving any Student Test Alerts and ensuring data are correct.
<input type="checkbox"/>	August 19, 2016	Deadline for ordering printed reports. For assistance ordering reports, refer to <i>How to Request Printed Reports in PearsonAccess</i> , available in PearsonAccess under the Support link (select the Support link, then under Resources select Reports).

The detailed Virginia Assessment Program Schedule for the 2015–2016 school year is available in PearsonAccess. After login, refer to the left margin under *Latest News* on the *Home* page, and select the VAP 2015-2016 Schedule (pdf).

NEW FOR SPRING 2016

Carefully review this *Test Implementation Manual* and the *Examiner's Manual* prior to the administration of the Spring 2016 Standards of Learning (SOL) *Non-Writing* assessments.

Grades 3, 6, 7, and 8 *Mathematics* Computer Adaptive Tests (CAT) Including Plain English

- In the Spring 2016 *Non-Writing* Standards of Learning (SOL) test administration the online Grades 3, 6, 7, and 8 *Mathematics* tests, including Plain English *Mathematics*, will be administered using a Computer Adaptive Test (CAT) format. All references to the Grades 3, 6, 7, and 8 *Mathematics* CATs include the Plain English *Mathematics* CAT versions. Refer to Section 1 of this manual for information about the process of taking a CAT.
- The Grades 6 and 7 *Mathematics* CATs have two sections, a non-calculator section and a calculator section. The non-calculator section occurs first.
 - To help the student and Examiner/Proctor differentiate the non-calculator section from the calculator section, each page that contains an item for which the student should NOT have a calculator will display this icon:



No Calculator

- A screen with a STOP sign will appear when the student completes the non-calculator section; the screen directs the student to raise his/her hand to receive a calculator. The Examiner/Proctor provides the approved scientific calculator and then reads the directions for the second section individually to each student. A seal code is not required for entry into the second section.
 - An individual break during testing is permissible for any student who requires one. A “classroom” break, where the class takes a break together, is not permitted.
- The Grade 3 *Mathematics* CAT has two sections. Both sections of the test may be administered on the same day or over two days. A screen with a STOP sign will appear when the student has completed the first section. The screen directs the student NOT to go to the next question until told to do so. A seal code is not required for entry into the second section. If the test will be administered on the same day, an individual break during testing is permissible for any student who requires one. A “group” break, where the class takes a break together is not permitted. The STC will notify Examiners/Proctors whether students will complete the test in one day or over two days.
- The Grades 3, 6, 7, and 8 *Mathematics* CATs require that the student respond to the test item presented before advancing to the next item. The student cannot flag a test item for review or go back to any previous test items. As a result, the following buttons are not present on the CAT: *Flag for Review*, *Previous*, and *Section Review*.
- The Grades 3, 6, 7, and 8 *Mathematics* CATs are available in **audio** format.
- **Read-Aloud procedures for the CAT:** Because the selection of items is customized for each student, an Examiner/Proctor test cannot be created on a separate workstation. If the student requires a read-aloud administration of a Computer Adaptive Test, follow the Read-Aloud test guidelines in **Reading of Test Items Aloud—Information for all Assessments**, and **Read-Aloud Guidelines for Computer Adaptive Tests (CAT)** located in Appendix C.
- **Interpreting/Transliterating CAT items:** Because the selection of items is customized for each student, an Interpreter's/Transliterating copy of the test cannot be created on a separate workstation. If the student requires interpretation/transliteration services on a Computer Adaptive Test, follow the interpreting/transliterating guidelines in **Interpreting/Transliterating Test Items (e.g., sign language, cued speech)—Information for ALL Assessments**, and **Interpreting/Transliterating Computer Adaptive Test (CAT) Items** located in Appendix C.
- A Training Test using CAT is available on the Virginia Department of Education Web site. However, an audio format Training Test is not yet available. Refer to section 4.4.1 for details.

NEW FOR SPRING 2016, continued

Grades 4 and 5 Reading Tests: Section Break and Two-Day Testing Option

- The Grades 4 and 5 *Reading* tests have two sections. Both sections of the test may be administered on the same day or over two days. The STC will notify Examiners/Proctors whether students will complete the test in one day or over two days.
- In order for a student to access the second section of the online Grade 4 or 5 *Reading* test, the student must first close Section 1 and then enter the Seal Code. Once the student “closes” the first section of the test, he/she may not return to that section. The Seal Code prevents the student from entering the second section of the test without permission.

SOL *History/Social Sciences* Tests

- Beginning with Spring 2016, all online SOL *History/Social Science* tests will contain multiple-choice and Technology Enhanced Items (TEI).
- The online *History/Social Science* tests will contain two samples, one multiple-choice and one Technology Enhanced Item (TEI).
- Electronic Practice Assessment Tools (ePAT) have been developed with practice items and guides to provide students an opportunity to become familiar with the types of TEI that will be administered on SOL *History/Social Sciences* assessments (refer to section 4.4.1 for application information).

Expedited Retake Tests

- Expedited retake test opportunities are available for students in Grades 3-8, CSH, and End of course (EOC). Refer to Section 5.8 for guidance regarding the updated expedited retake test processes.

Updated Sections

- Several sections of the *Test Implementation Manual* have been updated to include policy updates and to provide clarification or additional information.

Updates to Appendices C and D

- Portions of Appendix C, the *Selection of Testing Accommodations for Students with Disabilities*, have been updated to provide clarification or additional information.
 - Guidelines for **Testing Condition Adjustments Available to All Students** have been placed in Appendix C.
 - **New Testing Accommodations for Students with Disabilities:** The following testing accommodations have been added.
 - **Specific Verbal Prompts**—the Examiner may use specific verbal prompts to keep the student focused on the test (accommodation code 20).
 - **Dry Erase Board**—the student may use a dry erase board as scratch paper (accommodation code 2).

NOTE: The paper answer documents do not list accommodation codes 2 and 20. If these accommodations are used, these test codes must be applied to the student’s completed test record in PearsonAccess.

 - **Additional Markers, Highlighters, Colored Pens, and/or Pencils**—the student may be provided additional dry erase markers (if the dry erase board accommodation is used), highlighters, colored pens and/or pencils.
 - Guidelines for the following testing accommodation have been provided:
 - **Written Directions to Accompany Oral Directions**—the student may be provided a copy of the written directions from the *Examiner’s Manual*.

NEW FOR SPRING 2016, continued

- The guidelines for the accommodation, **Augmentative Communication Device** (accommodation code 22), have been divided into two sections. One section provides information for using the accommodation during the *Writing* assessment, and the other section provides information for using the accommodation during *Non-Writing* assessments.
- The guidelines for the accommodation, **Dictation to a Scribe** (accommodation code 25), have been divided into two sections. One section provides information for using the accommodation during the short-paper component of the *Writing* assessment in which the student dictates his/her response to the prompt to the scribe. The other section provides information for using the accommodation during the multiple-choice/TEI component of the *Writing* assessment and during *Non-Writing* assessments in which the student dictates what the scribe is to write on the student's scratch paper.
- **Selection of Testing Accommodations for Limited English Proficient (LEP) Students:** The guidelines for the bilingual and English dictionary accommodations have been updated.
- Appendix D, the **Table of Testing Accommodations**, has been updated and expanded into two tables:
 - The **Table of Testing Accommodations Which Require a Code**
 - The **Table of Testing Accommodations Which Do Not Require a Code**

Section 5.3.3 Troubleshooting—Updates

- Additional troubleshooting guidelines have been added which assist the Examiner with appropriate responses:
 - when a student has difficulty entering a specific symbol or character into a TEI answer box, and
 - when connectivity is lost and when the Early Warning System error messages appear on a student's work station.

Paper Testing

- **Pre-Identification (Pre-ID) Labels**

Pre-ID labels will not be generated for student records indicating a paper test mode. Student demographic information on paper answer documents must be carefully hand coded. Directions for hand-coding student demographic information may be found in the *Supplements to the Examiner's Manuals*.

- **Returning Paper Tests**

The Secure Return Materials kit for paper tests will now include durable shipping envelopes with cardboard inserts which may be used instead of boxes to return answer documents to Pearson for scoring. Additional shipping envelopes may be ordered using Additional Orders in PearsonAccess.

IMPORTANT REMINDERS FOR SPRING 2016

Pearson Support Services

- The *PearsonAccess User's Guide for the Virginia Assessment Program* is located on the Support page within PearsonAccess and contains step-by-step instructions on how to use the PearsonAccess system. You may also refer to the *Training Workbook: Administering Virginia Standards of Learning Assessments using PearsonAccess* for training tutorials of the PearsonAccess system (also located on the Support page).
- The Pearson Support Center is available to assist with technical support Monday-Friday 7:00 a.m. to 8:30 p.m. Contact Pearson Support by email VAP@support.pearson.com or call 866-650-9425.
- The PearsonAccess system will NOT be available weekly from 10:00 p.m. Tuesday through 7:00 a.m. Wednesday and from 10:00 p.m. Thursday through 7:00 a.m. Friday while system maintenance and scheduled upgrades occur. If the system must be taken offline at times other than those listed above, Pearson will notify DDOTs by email.

TestNav Availability

- TestNav, the online testing software used to deliver the SOL assessments, is only available Monday-Friday 7:00 a.m.-10:00 p.m.
- The DDOT should notify Pearson in advance if a school plans to administer online SOL tests after 5:00 p.m. on Monday-Friday.
- Permission from the Virginia Department of Education must be obtained prior to any testing on weekends.

Test Implementation Manual and the Supplement to the Writing and Non-Writing Test Implementation Manuals

- This *Non-Writing Test Implementation Manual* contains the information, guidance, procedures, and responsibilities that the Division Director of Testing (DDOT) and School Test Coordinator (STC) are required to follow in order to administer the SOL *Non-Writing* tests; however, the references to paper material management have been removed and placed within a separate document, the *Supplement to the Writing and Non-Writing Test Implementation Manuals*. The *Non-Writing Test Implementation Manual* is provided as a hard copy document sent to divisions and is available for download from the Virginia Department of Education Web site at:

www.doe.virginia.gov/testing/test_administration/index.shtml

- The *Supplement to the Writing and Non-Writing Test Implementation Manuals* provides the information, guidance, procedures, and responsibilities the DDOT and STC must use for the management of paper testing for fall, spring and summer *Writing* and *Non-Writing* test administrations. The *Supplement* covers topics such as ordering paper materials, deliveries of non-secure and secure materials, answer document management, the STC's coordination of the administration of the paper SOL tests, and the DDOT's management of paper test materials. This *Supplement* is available in electronic format only—no hard copy is provided—and may be downloaded from the Virginia Department of Education Web site (above).

Examiner's Manual and Supplement to the Examiner's Manual

- The *Non-Writing Examiner's Manual* contains the information, guidance, procedures, and responsibilities that the Examiner and Proctor are required to follow in order to administer the SOL tests. It contains testing directions for online format tests but not paper tests and is provided as a hard copy document sent to divisions/schools in the non-secure shipments. The *Examiner's Manual* is also available for download from the Virginia Department of Education Web site at:

www.doe.virginia.gov/testing/test_administration/index.shtml

- Separate documents, the *Supplements* to the *Examiner's Manuals*, provide the testing directions that Examiners and Proctors must use for the administration of the paper format tests; they must be used in conjunction with the *Examiner's Manuals*. The *Supplements* are available in electronic format only—no hard copies are provided—and may be downloaded from the Virginia Department of Education Web site (above).

IMPORTANT REMINDERS FOR SPRING 2016, continued

Documented Need for Paper Test

- All students are required to take the online version of the SOL tests with the exception of students who meet one of the criteria for paper testing listed below:
- The student attends school in a location where a secure network connection or the required technology is not available to access an online test. Such locations include the following: special situations schools; homebound, residential, or hospital placement; night school or Governor's school.
- An accommodation specified in the student's Individualized Education Plan (IEP), 504 Plan, or Limited English Proficient (LEP) Student Assessment Participation Plan requires a paper test. Accommodations requiring a paper test include large-print test, braille test, and a flexible schedule that requires multiple testing sessions over two or more school days.
- The student has a documented medical condition, such as a seizure disorder, where exposure to a computer will aggravate the student's condition.
- The student's eligibility for paper tests has been established using the *Documentation of Need for Paper Standards of Learning (SOL) Assessment* form. The form documents that the use of paper tests is intended only to provide access to the SOL assessments for the following students:
 - Students with disabilities who require other accommodations that necessitate a paper test
 - Students with medical conditions that render them unable to take an online test
- Refer to Section 4.6 for further details about the documented need for a paper test, and Appendix C for the *Documentation of Need for Paper Standards of Learning (SOL) Assessment* form.

School Division Test Security Agreement

- The *School Division Test Security Agreement* covers the fall, spring, and summer *Non-Writing* test administrations and must be submitted only one time annually. The DDOT and division superintendent are required to sign and submit this form when the division is first scheduled to test, either the fall or spring *Non-Writing* test administration. The signed *School Division Test Security Agreement* will be maintained on file.

School Affidavit

- The *School Affidavit* (Appendix A) must be submitted to the DDOT at the end of each test administration. The School Test Coordinator and school building Principal are required to sign and submit this form certifying if they are aware of any violations of the *School Division Personnel Test Security Agreement* and if all secure paper test materials have been returned to Pearson.

School Division Affidavit

- The *School Division Affidavit* (Appendix A) must be submitted to the Virginia Department of Education Office of Test Administration, Scoring, and Reporting at the end of each test administration. The DDOT and division superintendent are required to sign and submit this form certifying if they are aware of any violations of the *School Division Personnel Test Security Agreement* or the *School Division Test Security Agreement*, and if all secure paper test materials have been returned to Pearson.

Grade 3 Reading Tests: Section Break and Two-Day Testing Option

- The Grade 3 *Reading* test has two sections divided by a break. The test must be administered in two sessions. Both sections of the test may be administered on the same day or over two days; your STC will provide specific instructions. If the test will be administered on the same day, students must receive at least a fifteen-minute break between sections. Your STC will tell you whether students will take individual breaks when they reach the end of the first section or a common break as a class. The directions for administering the test will indicate when it is appropriate for you to instruct students to take the break.
- In order for a student to access the second section of the online Grade 3 *Reading* test, the student must first close Section 1 and then enter the Seal Code. Once the student "closes" the first section of the test he or she may not return to that section. The Seal Code prevents the student from entering the second section of the test without permission.

IMPORTANT REMINDERS FOR SPRING 2016, continued

Grades 4 and 5 *Mathematics* Tests: Section Break and Two-Day Testing Option

- The Grades 4 and 5 *Mathematics* tests have two sections. In the first section, students may **not** use a calculator. In the second section, students **may** use a four-function calculator. The non-calculator section must be administered first. Both sections of the test may be administered on the same day or over two days. The STC will notify Examiners/Proctors whether students will complete the test in one day or over two days.
- In order for a student to access the second section of the online Grade 4 or 5 *Mathematics* test, the student must first close Section 1 and then enter the Seal Code. Once the student “closes” the first section of the test, he or she may not return to that section. The Seal Code prevents the student from entering the second section of the test without permission.

VMAST *Algebra I* and VMAST EOC *Reading*

- The Virginia Modified Achievement Standards Tests (VMAST) for *Algebra I* and EOC *Reading* are available to students with disabilities pursuing a standard diploma with credit accommodations following these criteria:
 - The student must have passed the course.
 - The student must have taken the EOC test at least twice, with the test scores being 374 or below.
 - The student must meet the VMAST Participation Criteria.
 - The test must be coded as retest.
- The VMAST for *Algebra I* and EOC *Reading* will remain available for students with disabilities who were administered the VMAST *Algebra I* and/or EOC *Reading* tests for the first time prior to Summer 2014 and are seeking to retake the test(s) for verified credit following these criteria:
 - The student must have passed the course prior to Summer 2014.
 - The student must meet the VMAST Participation Criteria.
 - The test must be coded as retest.

VMAST Grade 8 *Reading* and *Mathematics*

- The VMAST Grade 8 *Reading* and *Mathematics* tests will only be available to high school students with disabilities who are pursuing a Modified Standard Diploma and who meet the VMAST participation criteria. The directions for administering these tests are available in this *Examiner's Manual*.

NOTE: the Modified Standard Diploma is available only to students who entered the 9th grade for the first time prior to the 2013-2014 school year.

- The VMAST is not available in paper format.
- The VMAST Grade 8 *Mathematics* test is not available as a CAT.

Reading Tests

- Read-Aloud or Audio Accommodation
 - The read-aloud/audio accommodations on a *Reading* test are available only to students with disabilities who meet specific criteria. For more information see *Students with Disabilities: Guidelines for Assessment Participation* at:

www.doe.virginia.gov/testing/participation/index.shtml
- Struggling LEP Students (Grades 3-8 *Reading* Tests Only)
 - For Grades 3-8 *Reading* tests, Examiners should be directed to discontinue testing for LEP students who struggle with reading the test items after the student has responded to five items (not including the sample items). Students who answer at least five items will be counted as participants in the *Reading* test for purposes of federal accountability. This information is included in the *Examiner's Manual* specific grade-level *Reading* test directions.

IMPORTANT REMINDERS FOR SPRING 2016, continued

- **Paper Test Forms**

- Some *Reading* test forms may have question(s) that do not refer to a “passage.” The directions in the *Examiner’s Manual* point out to students that “Sample B” is an illustration of this type of question.
- There will be two sample test items on most *Reading* test forms. However, there is only one sample test item on the following 2002 standards test forms:
 - Grade 8 *Reading*: R6037
 - EOC *English: Reading*: R0116
- Refer to the forms matrix to determine if either of these forms will be used. Remind Examiners to point out to students that the Sample Box located on the back side of the answer documents has two samples (A and B); the students will be directed to leave Sample “B” blank.



Formula Sheets for 2009 and 2001 Standards Grade 8 and EOC *Mathematics* Tests

- The formula sheets for the current standards tests (2009) are different from the formula sheets for the previous standards (2001). Students who take paper tests will use the formula sheet included in their test booklet. Students taking an online *Mathematics* test are permitted to use a paper formula sheet in addition to the online version. Make sure the School Test Coordinators (STCs) and Test Examiners are aware of the differences between the formula sheets for Grade 8 *Mathematics*, *Algebra I*, *Geometry*, and *Algebra II* and how to verify that the appropriate formula sheet is distributed during testing. Refer to Section 4.16 for more information.
- The *Algebra II* (2009) formula sheet and z-table (Table of Standard Normal Probabilities) will be available as part of the online test. In addition, paper copies will be provided to school divisions as a folder style document. The paper *Algebra II* (2009) test will have both the formula sheet and z-table included inside the test booklet.

Modified Standard Diploma Students

- The Modified Standard diploma is available only to students in high school who entered the 9th grade for the first time prior to the 2013-2014 school year.
- **Numeracy: Grade 8 *Mathematics* 2001 SOL.** Students needing to demonstrate the numeracy requirement for a Modified Standard Diploma who were taught the Grade 8 mathematics curriculum based on the 2001 standards should retake the Grade 8 *Mathematics* test based on the 2001 SOL. Generally, a student who completed a Grade 8 mathematics class prior to Spring 2012 should retake the test based on the 2001 standards.
- **Numeracy: Grade 8 *Mathematics* 2009 SOL.** Students needing to demonstrate the numeracy requirement for a Modified Standard Diploma who were taught the Grade 8 mathematics curriculum based on the 2009 standards must retake the Grade 8 *Mathematics* test based on the 2009 SOL. Generally, a student who completed a Grade 8 mathematics class during Spring 2012 or thereafter must retake the test based on the 2009 standards.
- **Literacy: Grade 8 *Reading* 2002 SOL.** Students needing to demonstrate the literacy requirement for a Modified Standard Diploma must retake the Grade 8 *Reading* test based on the 2002 SOL.
- The VMAST for Grade 8 *Mathematics* and *Reading* is available for eligible students in grades 9-12 who are pursuing a Modified Standard Diploma and need to meet numeracy and/or literacy requirements for this diploma. Students must meet the VMAST participation criteria

Term Graduates

- Students pursuing a Standard or an Advanced Studies Diploma who are scheduled to graduate by August 31, 2016, and who need certain verified credits in order to graduate are considered to be Term Graduates for the Spring 2016 *Non-Writing* test administration.

IMPORTANT REMINDERS FOR SPRING 2016, continued

- Students pursuing a Modified Standard Diploma who are scheduled to graduate by August 31, 2016, and need to take the Grade 8 *Reading* and/or *Mathematics* tests to verify literacy and numeracy requirements are also considered to be Term Graduates for the Spring 2016 *Non-Writing* test administration.
- Refer to Section 5.6 for details regarding Term Graduate requirements and selecting the correct forms.

Project Graduation Students

- Project Graduation students are students who:
 - have passed the course but failed the EOC SOL test (in a previous administration);
 - are retesting for the verified credit; and
 - are currently participating in a Project Graduation initiative.
- Project Graduation students may have the same number of opportunities as Term Graduates (refer to Section 5.7). The tests taken under the Project Graduation guidelines must be identified in PearsonAccess with the Project Graduation and Retest flags. Refer to the Student Data Upload (SDU) File Requirements for coding directions. If you have questions regarding the Project Graduation initiative, contact your division's Project Graduation Coordinator.

Retesters

A student is considered to be a retester if the student:

- has previously taken and passed a course but failed the associated EOC SOL test and is retaking the EOC SOL test to verify the standard credit and requires the verified credit in order to fulfill specific diploma requirements.
NOTE: Students who have fulfilled their specific diploma verified credit requirements should not be retested.
- is retaking the SOL test under the expedited retake policy having taken it once during the Spring administration.
- is in high school and pursuing a Modified Standard Diploma, had previously taken a Grade 8 *Mathematics* and/or Grade 8 *Reading* SOL test. The student is retaking the Grade 8 *Mathematics/Reading* test to satisfy the Numeracy and/or Literacy requirements for the Modified Standard Diploma.
- is in grade 9, has previously taken a Grade 8 *Mathematics* SOL test, and is participating in a recovery program for Grade 8 Mathematics but is not enrolled in an EOC Mathematics course. This student may be coded retest and recovery.
- is in grade 9, has previously taken a Grade 8 *Reading* SOL test, and is participating in a recovery program for Grade 8 Reading but is not enrolled in an EOC Reading course. This student may be coded retest and recovery.

Substitute Test Coding

- If a student is enrolled for the first time in a course that requires an EOC test and has taken or will take an approved substitute test in place of the EOC test, select Testing Status code 10 to indicate the administration of a substitute test. These substitute tests do not include the VAAP, VGLA, or VSEP assessments.
- If a student has failed an EOC test and takes an approved substitute test as a retest in an attempt to earn a verified credit, complete Testing Status Code 10 and set the Retest flag to Y on the Student Test Details Screen in PearsonAccess.
- Submit only one substitute test record (Testing Status Code 10 completed) for each specific EOC SOL test in the school year (which includes Summer 2015, Fall 2015, and Spring 2016) for a student regardless of how many times the student attempts the substitute test during that time. Substitute test performance data will be collected by the Virginia Department of Education via the Single Sign-on for Web Systems (SSWS) application in Summer 2016 for the Summer 2015, Fall 2015, and Spring 2016 test administrations. DDOTs will enter only the highest score earned by the student for the substitute test.
- Refer to the document Substitute Tests for Verified Credit for the list of approved substitute tests at:

www.doe.virginia.gov/testing/substitute_tests/substitute_tests_verified_credit.pdf

IMPORTANT REMINDERS FOR SPRING 2016, continued

Icons to Identify Audio and Read-Aloud Tests

- Students who have been assigned either an audio or read-aloud test in PearsonAccess will have an icon printed on their Student Authorization Tickets:



This icon indicates the student should receive an audio test.



This icon indicates the student should receive a read-aloud test.

- These icons will also appear next to the student's individual form assignment on the **Test Session Details** screen in PearsonAccess.
- School Test Coordinators must ensure the Test Examiners receive the most current Student Authorization Tickets prior to testing. In order for a test ticket to show the icons correctly, new authorization tickets must be printed if the student's test form is changed from "regular" to "audio" or "audio" to "regular" in a test session.
- These icons will also be used in the testing directions to designate the additional audio or read-aloud test directions that must be read to students using these accommodations.

Additional Orders

- Division Directors of Testing (DDOTs) will be required to order all testing materials for the schools, except for *Test Implementation Manuals*, using the Additional Orders process within PearsonAccess. The DDOT will need to order:
 - For Online *Non-Writing* tests—*Examiner's Manuals*, formula sheets (for tests that permit a paper copy);
 - For Paper *Non-Writing* tests—*Examiner's Manuals*, answer documents, all test booklets; including regular/read-aloud, audio kits, large-print kits with or without audio, and braille kits with or without audio; secure scorable return kit (for returning answer documents), secure material return kit (for returning test booklets).
 - For assistance with ordering refer to the *Checklist for Placing Additional Orders* located under *Testing Resources* on the Division Director of Testing Application in the Single Sign-on for Web Systems (SSWS).
 - All shipments of secure and non-secure materials will be delivered to the Division Director of Testing (DDOT). The DDOT will be responsible for distributing the secure materials and non-secure materials to each school testing during this administration.
 - The DDOT must ensure that all secure materials received are returned to Pearson. Therefore, the DDOT should have a materials accounting procedure in place to account for materials delivered to schools and returned from schools. A sample secure materials transmittal form is available in the *Supplement to the Writing and Non-Writing Test Implementation Manuals*. The DDOT and division Superintendent will be required to affirm the return of all secure paper test materials to Pearson on the *School Division Affidavit*. Packing lists will be provided.

Answer Documents for Paper Tests

- Version 1.0 Answer Documents.** All *Non-Writing* paper tests **must use Version 1.0** answer documents.

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Table 1. DDOT Testing Checklist

Activities Before Test Administration		Mode
<input type="checkbox"/>	1. Receive PearsonAccess login ID from Pearson (if not already received) and set up password. Supply School Test Coordinators (STCs) and Project Managers with login ID.	Online Paper
<input type="checkbox"/>	2. Order testing materials, including Examiner's Manuals, and all paper testing materials.	Online Paper
<input type="checkbox"/>	3. Carefully read this <i>Test Implementation Manual</i> , as well as any directions from the Virginia Department of Education. Read the <i>Supplement to the Writing and Non-Writing Test Implementation Manuals</i> if your division will administer any paper tests.	Online Paper
<input type="checkbox"/>	4. Carefully read the <i>Examiner's Manuals</i> and the <i>Supplements to the Examiner's Manuals</i> to become familiar with the Examiner's/Proctor's testing information, guidance, procedures, and responsibilities. Review manuals updates with STCs.	Online Paper
<input type="checkbox"/>	5. Ensure the <i>School Division Personnel Test Security Agreement</i> is read and understood by all school division personnel. All individuals who may be exposed to secure test items and those involved in the administration of Virginia SOL Assessments (including but not limited to Examiners, Proctors, Interpreters, and Scribes) MUST read, understand, and agree to adhere to the <i>School Division Personnel Test Security Agreement</i> .	Online Paper
<input type="checkbox"/>	6. Receive login ID and password for the PearsonAccess Training Center if not already received.	Online
<input type="checkbox"/>	7. Determine with your Project Manager the division's online test schedule (number of concurrent tests, number of sessions each day, number of available labs/computers, etc.) based on the number of students testing.	Online
<input type="checkbox"/>	8. Determine the procedures for the break or transition between parts 1 and 2, as appropriate, of the Grades 3, 4, and 5 <i>Reading</i> tests, the Grade 3 <i>Mathematics</i> CAT, Grades 4 and 5 <i>Mathematics</i> tests, and the Grades 6 and 7 <i>Mathematics</i> CAT.	Online Paper
<input type="checkbox"/>	9. Train all School Test Coordinators (STCs).	Online Paper
<input type="checkbox"/>	10. Ensure STCs understand how to create online test sessions and assign appropriate forms (such as audio and read-aloud).	Online
<input type="checkbox"/>	11. Ensure STCs understand how to "troubleshoot" the common online test issues. The DDOT must understand his/her role in the troubleshooting process.	Online
<input type="checkbox"/>	12. Assist STCs in identifying students who will be tested.	Online Paper
<input type="checkbox"/>	13. Register students for testing via a Student Data Upload File or by hand-entering their information in PearsonAccess.	Online Paper
<input type="checkbox"/>	14. Assign STCs access to "Get Authorizations – Seal Codes" (the ability to print student test tickets, Examiners' test tickets, and Seal Codes). These tickets should be printed no more than 96 hours (4 school days) prior to the test session start date and must be stored in a secure location until needed.	Online Paper
<input type="checkbox"/>	15. Ensure that STCs and Examiners understand which test accommodations are and are not available for students with disabilities, LEP students, and students with temporary conditions.	Online Paper
<input type="checkbox"/>	16. Verify Term Graduate and Project Graduation students who are eligible for multiple testing opportunities.	Online Paper
<input type="checkbox"/>	17. Assist staff with providing test training/preparation activities for students and Test Examiners.	Online Paper
<input type="checkbox"/>	18. Verify that designated personnel have the necessary number of copies of the <i>Examiner's Manual</i> for each test and session being administered. Ensure Examiners who will administer paper tests have the <i>Supplement to the Examiner's Manual</i> .	Online Paper
<input type="checkbox"/>	19. Verify that each STC or designated staff member has created Test Sessions correctly within PearsonAccess and have assigned the correct test and forms.	Online
<input type="checkbox"/>	20. Use locally developed tracking forms to verify secure testing materials received from Pearson, distributed to schools, and received from STCs.	Paper
<input type="checkbox"/>	21. Report discrepancies of any packing lists and actual materials received using the <i>Shipment Confirmation</i> screen in PearsonAccess under <i>Test Setup</i> and <i>Order Additional Materials and Tracking</i> .	Paper
<input type="checkbox"/>	22. Distribute secure SOL test booklets to each STC no more than 96 hours (4 school days) prior to the date the school is to begin testing.	Paper
<input type="checkbox"/>	23. Ensure that test forms have been proctor cached no earlier than 24-hours prior to the start of the division's test window. Windows that open on a Monday may have sessions proctor cached on the previous Friday.	Online

DDOT Testing Checklist, continued

Activities During Test Administration		Mode
<input type="checkbox"/>	1. Be available during your schools' testing sessions to answer questions and resolve problems, or to contact VDOE for "troubleshooting" certain problems.	Online Paper
<input type="checkbox"/>	2. Assist STCs in identifying and resolving testing irregularities.	Online Paper
<input type="checkbox"/>	3. Ensure that STCs are prepared and have correct materials in sufficient supply to administer make-up sessions.	Online Paper
<input type="checkbox"/>	4. Confirm the method Examiners will use to verify students' attendance the day of testing. If desired, print the student list for each test session.	Online Paper
<input type="checkbox"/>	5. Ensure that test forms are proctor cached.	Online
<input type="checkbox"/>	6. If necessary, start and stop test sessions. NOTE: test sessions must only be started on the day of testing. Test sessions must be stopped at the end of each testing day (except for 2- part non-read-aloud tests).	Online
<input type="checkbox"/>	7. Determine students who are eligible for make-up tests, expedited retake tests, and additional opportunities for Term Graduates and Project Graduation students.	Online Paper
Activities After Test Administration		Mode
<input type="checkbox"/>	1. Remove the PearsonAccess "Get Authorizations – Seal Codes" role from all STCs.	Online
<input type="checkbox"/>	2. Purge all test forms from the Proctor Caching server.	Online
<input type="checkbox"/>	3. If applicable, finalize student demographics and test-specific information from the Spring 2016 Administration. Be sure that the Retest flag is selected on the Test Assignment screen for every student who was retaking the test.	Online Paper
<input type="checkbox"/>	4. Verify receipt of all test materials from all STCs.	Online Paper
<input type="checkbox"/>	5. Receive and verify all scorable answer documents.	Paper
<input type="checkbox"/>	6. Pack and ship all scorable answer documents to Pearson no later than the last day of the division's testing window.	Paper
<input type="checkbox"/>	7. Receive, pack, and ship all secure, non-scorable test booklets, including all Special Test Forms Kits to Pearson, no later than four weeks after the end of the division's testing window.	Paper
<input type="checkbox"/>	8. The DDOT must report missing secure materials that have not been returned from schools, using the Testing Irregularities Web Application System (TIWAS) in the Single Sign-on for Web Systems (SSWS). This does not include missing materials, due to a packing error, which have been reported previously to Pearson.	Paper
<input type="checkbox"/>	9. Verify receipt of all required SOL forms/documentation from all STCs.	Online Paper
<input type="checkbox"/>	10. Return a signed <i>School Division Affidavit</i> (Appendix A) to the Virginia Department of Education by the date specified in the Non-Writing Test Administration Schedule in the front of this manual.	Online Paper
<input type="checkbox"/>	11. Review final disposition of all test materials: scorable answer documents, secure test booklets, forms and documentation, and other non-scorable materials.	Online Paper
<input type="checkbox"/>	12. Prior to requesting Authorization to Proceed (ATP), ensure data have been thoroughly reviewed and are correct.	Online Paper

Table 2. STC Testing Checklist

Activities Before Test Administration		Mode
<input type="checkbox"/>	1. Carefully read this <i>Test Implementation Manual</i> as well as any local directions you have been given. Resolve any questions you might have with your DDOT. Read the <i>Supplement to the Writing and Non-Writing Test Implementation Manuals</i> if your division will administer any paper tests.	Online Paper
<input type="checkbox"/>	2. Carefully read the <i>Examiner's Manual</i> and the <i>Supplement to the Examiner's Manual</i> to become familiar with the Examiner's/Proctor's testing information, guidance, procedures, and responsibilities.	Online Paper
<input type="checkbox"/>	3. Train Examiners/Proctors. Review <i>Examiner Manual</i> updates with Examiners/Proctors.	Online Paper
<input type="checkbox"/>	4. Assist teachers and Examiners in identifying students who will be tested.	Online Paper
<input type="checkbox"/>	5. Ensure that suitable testing sites are available, including an alternate site for students who do not finish by the allotted test administration time.	Online Paper
<input type="checkbox"/>	6. Schedule all test sessions in your school. Remember to schedule Project Graduation students, Term Graduates, and students who are retaking SOL tests to earn verified credits, literacy/numeracy requirements, or as an expedited retake.	Online Paper
<input type="checkbox"/>	7. Select Examiners, determine the size of each testing group, and determine whether use of Proctors will be necessary.	Online Paper
<input type="checkbox"/>	8. Collect a signed <i>School Division Personnel Test Security Agreement</i> from all individuals who may be exposed to secure test items and those involved in the administration of Virginia Standards of Learning (SOL) Assessments (including but not limited to Examiners, Proctors, Interpreters and Scribes).	Online Paper
<input type="checkbox"/>	9. Receive non-secure materials and verify quantities with the DDOT.	Online Paper
<input type="checkbox"/>	10. Ensure that teachers and Examiners understand which test accommodations are and are not available for students with disabilities, LEP students, and students with documented temporary conditions.	Online Paper
<input type="checkbox"/>	11. Receive secure paper test materials and verify quantities with the DDOT.	Paper
<input type="checkbox"/>	12. Create test sessions in PearsonAccess for online students.	Online
<input type="checkbox"/>	13. Be prepared to print the Proctor Authorization and Student Authorization Tickets for each test session. These tickets should be printed no more than 96 hours (4 school days) prior to the test session start date and must be stored in a secure location until needed.	Online
<input type="checkbox"/>	14. Assist, as necessary, teachers/Examiners and students to access the SOL test training resources.	Online Paper
Activities During Test Administration		Mode
<input type="checkbox"/>	1. Start online test sessions on the day of testing.	Online
<input type="checkbox"/>	2. Before each testing session, ensure that all Examiners have appropriate materials for testing. Refer to the applicable <i>Examiner's Manual</i> for this information. Ensure Examiners who will administer paper tests have the <i>Supplement to the Examiner's Manual</i> .	Online Paper
<input type="checkbox"/>	3. On each day of testing, check out secure test materials to Examiners and collect all materials at the end of each testing session.	Online Paper
<input type="checkbox"/>	4. Monitor all testing sessions. Be available to contact the DDOT for certain "troubleshooting" situations.	Online Paper
<input type="checkbox"/>	5. Assist Examiners in identifying and resolving testing irregularities.	Online Paper
<input type="checkbox"/>	6. Collect all secure and non-secure testing materials at the end of each testing session.	Online Paper
<input type="checkbox"/>	7. Verify students who are eligible for make-up tests.	Online Paper
<input type="checkbox"/>	8. Move <i>exited</i> and <i>not started</i> students out of active test sessions into make-up or irregularity sessions by the end of the day's testing.	Online
<input type="checkbox"/>	9. Stop online test sessions at the end of each testing day.	Online

STC Testing Checklist, continued

Activities After Test Administration		Mode
<input type="checkbox"/>	1. Ensure that make-up test sessions are properly administered.	Online Paper
<input type="checkbox"/>	2. Account for all students who did not test.	Online Paper
<input type="checkbox"/>	3. Verify students who are eligible for Expedited Retake testing and additional opportunities for Term Graduates and Project Graduation students; and ensure the tests are properly administered.	Online Paper
<input type="checkbox"/>	4. Verify scorable materials received from Examiners.	Paper
<input type="checkbox"/>	5. As testing sessions are completed, verify receipt of all test materials from all Examiners. Immediately inform DDOT of any missing secure test materials (test tickets, student test booklets, Examiner's copies of tests, audios, large-print/braille forms).	Online Paper
<input type="checkbox"/>	6. Ensure all accommodations provided to students have been coded and are appearing in PearsonAccess.	Online Paper
<input type="checkbox"/>	7. Assemble and deliver all scorable test materials to your DDOT, bundled with completed <i>Header Sheets</i> and secured with paper bands.	Paper
<input type="checkbox"/>	8. Assemble and deliver all secure non-scorable test materials to your DDOT.	Online Paper
<input type="checkbox"/>	9. Dispose of all other test materials according to local directions.	Online Paper
<input type="checkbox"/>	10. Prepare and transmit SOL transmittal forms, affidavits, and test security agreements as directed by your DDOT.	Online Paper
<input type="checkbox"/>	11. Return the signed <i>School Affidavit</i> (Appendix A) to the DDOT.	Online Paper

Table 3. Required Technology

It is assumed that prior to reviewing the Technology checklist the network and equipment being used for online SOL testing meets the minimum requirements as outlined in *TestNav 7 Technology Guidelines: Configuring Your Test Delivery Environment for Virginia* and the performance of the network has been tested for online testing. Performance testing may have included multiple concurrent administrations of the PearsonAccess Training test and or performing the TestNav 7 system check.

Technology staff responsible for online testing must have also reviewed the information contained in the following documents available on the Support page in PearsonAccess at www.pearsonaccess.com/va

- *TestNav 7 Technology Guidelines: Configuring Your Test Delivery Environment for Virginia*
- *TestNav 7 Early Warning System User Guide*
- *PearsonAccess Hardware and Software Guidelines for Virginia*
- *TestNav 7 Proctor Caching User Guide*
- *TestNav 7 Proctor Caching Verification Quick Start*
- *TestNav 7 System Check User Guide*

Technology	
<input type="checkbox"/>	Verify that the performance of your Internet connection across all schools conducting online testing is consistent with expected levels of performance. One tool that may be used is the <i>TestNav 7 System Check User Guide</i> .
<input type="checkbox"/>	Alert your Internet Service Provider to your online SOL testing window and confirm that no scheduled maintenance or outages are planned during that entire window.
<input type="checkbox"/>	Verify, as needed, that no high bandwidth network activity other than online SOL testing will be occurring during the online testing window.
<input type="checkbox"/>	Verify that the computers you use to access the various administrative services and functions within Pearson Access have the recommended hardware and software. For specific information refer to <i>PearsonAccess Hardware and Software Guidelines for Virginia</i> .
<input type="checkbox"/>	Verify that the computers and networks used for delivering online tests meet the recommended workstation and network requirements for delivering online tests to students. For specific information refer to <i>TestNav 7 Technology Guidelines: Configuring Your Test Delivery Environment for Virginia</i> .
<input type="checkbox"/>	Online testing will be conducted with TestNav 7, Pearson’s online test delivery system. This version of TestNav is not application-based and does NOT need to be installed; instead, students will access it through their browser with a URL supplied on their Student Authorization Tickets. The DDOT, STCs, Examiners, and students should become familiar with the many features of TestNav 7 before actual online testing begins.
<input type="checkbox"/>	If a proxy server is in use, verify that <u>all</u> TestNav installations include necessary edits to the “proxy settings properties” file. (Refer to the <i>TestNav 7 Technology Guidelines: Configuring Your Test Delivery Environment for Virginia</i>).
<input type="checkbox"/>	Verify connectivity among the following: computers to be used for training, any intermediate network devices (i.e., proxy servers, caching servers, Internet content filters, firewalls, etc.) and the PearsonAccess Web sites (protocols: http and https, ports: 80 and 443). In the PearsonAccess Training Center, create a sample student and test session. Generate a test ticket for that student (via the “Authorizations” function on the <i>Session Details</i> screen). Then Launch TestNav and log into a Training Test. (The test ticket includes the URL, username, password, and test code needed to log into a Training Test.) To verify connectivity, you must be able to log into TestNav and view training test items.
<input type="checkbox"/>	Verify that any applications that take over the computer causing TestNav to close (such as screen savers, scheduled virus scans, email with auto message notification, power management software on laptops, etc.) have been disabled on the workstations being used for online testing. If in doubt about an application’s effect on TestNav, test that application prior to online SOL testing using a Training Test.
<input type="checkbox"/>	If utilizing wireless network connections for online SOL testing, ensure that all computers can effectively communicate with their access point from the same location(s) where they will be testing.
<input type="checkbox"/>	If using laptops powered only by battery, ensure all batteries have been tested and completely charged. Verify that a plan has been developed for recharging batteries throughout the online testing window. (Low batteries can cause laptops to drop their network connections prior to shutting down the computer.)

1. USE OF THIS MANUAL FOR THE SPRING 2016 ADMINISTRATION

The *Test Implementation Manual* describes procedures that the Division Director of Testing (DDOT) and School Test Coordinator (STC) should follow before, during, and after administration of the Spring 2016 Standards of Learning (SOL) *Non-Writing* tests.

This manual includes the following information:

- Test administration schedule
- School division responsibilities for SOL testing
- Procedures for the online administration of SOL Web-based assessments in the available subject areas
- DDOT/STC responsibilities before, during, and after each testing session

You must become familiar not only with this manual but also with the *Supplement to the Writing and Non-Writing Test Implementation Manuals*, the *Examiner's Manuals*, the *Student Data Upload File Requirements*, and the *PearsonAccess User's Guide for the Virginia Assessment Program*, which are available at:

www.pearsonaccess.com/va

The *Examiner's Manuals* include specific directions for administering the SOL online subject tests for each level. Directions for the administration of the paper and Special Test Forms (braille, large-print, and audio) are contained in the *Supplements to the Examiner's Manuals*. Take particular care to read all testing materials and to provide in-depth training to school division personnel who are responsible for the administration of the SOL *Non-Writing* tests. Refer to the list of 2016 Spring *Non-Writing* tests on the next page.

The Grades 3, 6, 7, and 8 Mathematics online tests will be administered using Computer Adaptive Testing (CAT). This testing model is different from other SOL online tests in that the test delivery software customizes which test items are administered to the individual students. CAT selects the items administered to a student by scoring the student's response to a test item and then selecting the next item based on the student's response. The process of choosing test items, scoring the responses, and selecting the next items to be administered is repeated throughout the test.

Because the selection of the next item is dependent on the student answering the current item, the student must respond to the test item presented before advancing to the next item. Also, the student cannot flag a test item for review or go back to any previous test items.

The Grades 3, 6, 7, and 8 *Mathematics* CATs are available in standard and audio format. If the student requires a read-aloud administration, follow the Read-Aloud Guidelines for Computer Adaptive Tests in Appendix C.

**Virginia Standards of Learning Assessments
2016 Spring Non-Writing Test Administration**

Standards of Learning Tests	Testing Modes Available	
	Paper ⁹	Online
Grade 3 <i>Reading</i>	X	X
Grade 3 <i>Mathematics</i> CAT		X
Grade 3 Plain English <i>Mathematics</i> CAT		X
Grade 3 <i>Mathematics</i>	X	
Grade 3 Plain English <i>Mathematics</i>	X	
Grade 4 <i>Reading</i>	X	X
Grade 4 <i>Mathematics</i>	X	X
Grade 4 Plain English <i>Mathematics</i>	X	X
Grade 5 <i>Reading</i>	X	X
Grade 5 <i>Mathematics</i>	X	X
Grade 5 Plain English <i>Mathematics</i>	X	X
Grade 5 <i>Science</i>	X	X
Grade 6 <i>Reading</i>	X	X
Grade 6 <i>Mathematics</i> CAT		X
Grade 6 Plain English <i>Mathematics</i> CAT		X
Grade 6 <i>Mathematics</i>	X	
Grade 6 Plain English <i>Mathematics</i>	X	
Grade 7 <i>Reading</i>	X	X
Grade 7 <i>Mathematics</i> CAT		X
Grade 7 Plain English <i>Mathematics</i> CAT		X
Grade 7 <i>Mathematics</i>	X	
Grade 7 Plain English <i>Mathematics</i>	X	
Grade 8 <i>Reading</i> (2002 ¹ and 2010 Standards)	X	X
Grade 8 <i>Mathematics</i> (2009) CAT		X
Grade 8 Plain English <i>Mathematics</i> (2009) CAT		X
Grade 8 <i>Mathematics</i> (2009)	X	
Grade 8 Plain English <i>Mathematics</i> (2009)	X	
Grade 8 <i>Mathematics</i> (2001 ²)	X	X
Grade 8 Plain English <i>Mathematics</i> (2001 ²)	X	X
Grade 8 <i>Science</i>	X	X
CSH <i>Virginia Studies</i>	X	X
CSH <i>Civics & Economics</i>	X	X
EOC <i>Reading</i> (2002 ³ and 2010 Standards)	X	X
EOC <i>Algebra I</i> (2001 ⁴ and 2009 Standards)	X	X
EOC <i>Algebra I</i> Plain English (2001 ⁴ and 2009 Standards)	X	X
EOC <i>Geometry</i> (2001 ⁴ and 2009 Standards)	X	X
EOC <i>Algebra II</i> (2001 ⁴ Revised and 2009 Standards)	X	X
EOC <i>Virginia and United States History</i> (2008 Standards)	X	X
EOC <i>World History I</i> (2008 Standards)	X	X
EOC <i>World History II</i> (2008 Standards)	X	X
EOC <i>World Geography</i> (2008 Standards)	X	X
EOC <i>Earth Science</i> (2003 ⁵ and 2010 Standards)	X	X
EOC <i>Biology</i> (2003 ⁵ and 2010 Standards)	X	X
EOC <i>Chemistry</i> (2003 ⁵ and 2010 Standards)	X	X
EOC VMAST <i>Reading</i> ^{6,7}		X
EOC VMAST <i>Algebra I</i> ^{6,7}		X
VMAST Grade 8 <i>Reading</i> ⁸		X
VMAST Grade 8 <i>Mathematics</i> ⁸		X

CAT=Computer Adaptive Test

CSH=Content Specific History

EOC=End-of-Course

VMAST=Virginia Modified Achievement Standards Test

X=the test is available in this format

☐=the test is not available in this format

Notes:

¹**Grade 8 Reading 2002 SOL Tests.** Students who are pursuing a Modified Standard Diploma who were taught the Grade 8 English curriculum based on the 2002 standards may retake the Grade 8 *Reading* test based on the 2002 standards to meet the literacy requirement for this diploma.

NOTE: The Modified Standard diploma is available only to students in high school who entered the 9th grade for the first time prior to the 2013-2014 school year.

²**Grade 8 Mathematics 2001 SOL Tests.** Students who are pursuing a Modified Standard Diploma who were taught the Grade 8 mathematics curriculum based on the 2001 standards may retake the Grade 8 *Mathematics* test based on the 2001 standards to meet the numeracy requirement for this diploma. Generally, a student who took a Grade 8 mathematics class prior to Spring 2012 should take the test based on the 2001 standards.

NOTE: The Modified Standard diploma is available only to students in high school who entered the 9th grade for the first time prior to the 2013-2014 school year.

³**EOC Reading 2002 SOL Tests.** EOC *Reading* tests based on the 2002 SOL are available only to students who were taught the curriculum based on the 2002 SOL, passed the class, and are retaking the SOL test for verified credit. Generally, a student who passed an English class with an associated EOC *Reading* test prior to Fall 2012 should take the test based on the 2002 SOL.

⁴**EOC Mathematics 2001 SOL Tests.** *Algebra I*, Plain English *Algebra I*, *Geometry*, and *Algebra II* tests based on the 2001 SOL are available only to students who were taught the mathematics curriculum based on the 2001 standards, passed the class, and are retaking the SOL test for verified credit. Generally, a student who passed a mathematics class with an associated EOC mathematics test prior to Fall 2011 should take the test based on the 2001 standards.

⁵**EOC Science 2003 SOL Tests.** *Earth Science*, *Biology*, and *Chemistry* tests based on the 2003 SOL are available only to students who were taught the curriculum based on the 2003 SOL, passed the class, and are retaking the SOL test for verified credit. Generally, a student who passed a science class with an associated EOC *Science* test prior to Fall 2012 should take the test based on the 2003 SOL.

⁶**EOC VMAST Reading and VMAST Algebra I tests.** The EOC VMAST *Algebra I* and *Reading* tests are available to students with disabilities pursuing a standard diploma with credit accommodations following these criteria: The student must have passed the course; the student must have taken the EOC test at least twice, with the test scores being 374 or below; the student must meet the VMAST Participation Criteria; and the test must be coded as retest.

⁷**EOC VMAST Reading and VMAST Algebra I tests.** The EOC VMAST *Algebra I* and *Reading* tests are available for students with disabilities who were administered the VMAST *Algebra I* and/or EOC *Reading* tests for the first time prior to Summer 2014 and are seeking to retake the test(s) for verified credit following these criteria: The student must have passed the course prior to Summer 2014; the student must meet the VMAST Participation Criteria; the test must be coded as retest.

⁸**VMAST Grade 8 Reading and Mathematics tests.** The Grade 8 VMAST *Reading* and *Mathematics* tests are available only to high school students with disabilities who are pursuing a Modified Standard Diploma and who meet the VMAST participation criteria.

NOTE: The Modified Standard Diploma is available only to students who entered the 9th grade for the first time prior to the 2013–2014 school year.

⁹All students are required to take the online version of the SOL tests. Refer to Section 4.6 for the criteria required for the administration of a paper test.

2. SPRING 2016 SOL NON-WRITING TEST SCHEDULE

Each school division is to administer the Grades 3 through 8, Content Specific History, and End-of-Course tests within its own established “testing windows” within the larger window established by the Virginia Department of Education. The DDOT, Project Manager, and STC must work together to establish the division’s online test schedule (number of concurrent tests, number of sessions each day, number of available labs/computers, etc.) and

dates and times for paper testing in the schools. Ensure that all Test Examiners are advised of their school's specific test dates and times.

Each school's test schedule must allow opportunities for make-up sessions to be held prior to the close of the division's testing window. STCs are responsible for arranging make-up administrations for all students who require them and who will be in attendance during the testing window. Make sure that this is done in all schools. Testing dates, including make-up sessions, must allow for all scorable answer documents to be returned to the DDOT in time to ship answer documents to the Cedar Rapids scoring center by the end of your division's testing window.

For the Spring 2016 SOL *Non-Writing* test administration, the DDOT and STC checklists for major testing activities are presented in Tables 1 and 2. You may use the activities outlined in these checklists to help determine your division's specific testing activity dates.

3. SCHOOL DIVISION RESPONSIBILITIES FOR SOL TESTING

Many school division personnel are responsible for the administration of the SOL tests. These include:

- Division Director of Testing (DDOT)
- Project Manager (PM)
- School Test Coordinator (STC)
- Test Examiner (Examiner)
- Test Proctor (Proctor)

A brief explanation of the roles and responsibilities of each of these persons follows.

Division Director of Testing

Each division has designated a Division Director of Testing (DDOT). The DDOT serves as the point of contact between the school division and the Virginia Department of Education and Pearson. The DDOT has divisionwide responsibility for maintaining the security of test materials, implementation of SOL test procedures, and providing appropriate training for STCs and school administrators. DDOTs are to take particular care in reading all test administration materials. Additionally, DDOTs are to inform key instructional leaders, such as directors of instruction and directors of special education and Title I and Title III coordinators, of testing policies, guidelines, and procedures. Any questions the DDOT has regarding the SOL test administration are to be directed to the Pearson Support Center or the student assessment staff of the Virginia Department of Education.

Project Manager

Each division has designated a Project Manager (PM). The PM is responsible for the divisionwide technology infrastructure needed to conduct online testing and manage secure assessment data. The PM is to take particular care in reviewing the technical documents available on the Support Page in PearsonAccess and disseminating this information as needed. Such documents include but are not limited to the *TestNav 7 Technology Guidelines: Configuring Your Test Delivery Environment for Virginia* and the *PearsonAccess Hardware and Software Guidelines for Virginia*. The PM and DDOT must collaborate to ensure the technology infrastructure and hardware are adequate and properly prepared in the time frame needed for administering online tests as scheduled in the school division. Any questions the Project Manager has regarding technology are to be directed to the Pearson Support Center. Any questions regarding the administration of SOL tests are to be directed to the DDOT.

School Test Coordinator

Each school has designated a School Test Coordinator (STC). The STC serves as the point of contact between the school and the DDOT. The STC has schoolwide responsibility for maintaining the security of test materials, implementing SOL test procedures, and providing appropriate training for Examiners, Proctors, and other school personnel involved in the test administration. STCs are to take particular care in reading all test administration materials, and are to inform all school staff of testing policies, guidelines, and procedures. Any questions the STC has regarding the SOL test administration are to be directed to the DDOT.

Test Examiner

The Test Examiner (Examiner) is responsible for administering the SOL test(s) according to the procedures outlined in the *Examiner's Manual* and for maintaining the security of test materials. Any questions the Examiners have regarding the SOL test administration are to be directed to the STC.

Test Proctor

The Test Proctor (Proctor) works with the Examiner in administering the SOL test(s) and assists in maintaining an appropriate testing environment. A Proctor is also an observer who may be called upon to verify that students did not receive help on the test, that the test was administered according to the procedures outlined in the *Examiner's Manual*, and that the security of materials was maintained. Any questions the Proctor has regarding the SOL test administration are to be directed to the STC.

4. SPECIFIC DUTIES OF THE DDOT/STC: BEFORE TESTING

Before testing, review the *Test Implementation Manual*, *Examiner's Manuals*, *PearsonAccess User's Guide for the Virginia Assessment Program*, *TestNav 7 Technology Guidelines: Configuring Your Test Delivery Environment for Virginia*, and the *Student Data Upload File Requirements* so that you are familiar with the responsibilities of all testing personnel.

4.1 Train School Test Coordinators

- DDOT** ☒ Provide appropriate training to the division's STCs and school administrators based on information in the manuals and in other pertinent sources.
- ☒ Address the training topics listed below.
- STC** ☒ Attend the training that the DDOT will provide in regard to the school division's administration of SOL *Non-Writing* tests.

TRAINING TOPICS FOR SCHOOL TEST COORDINATORS	
•	Identifying responsibilities of STCs and Examiners/Proctors for the administration of the SOL <i>Non-Writing</i> tests
•	Identifying responsibilities of school administration during testing and training all school personnel in the requirements for Test Security; training for school personnel, who are not directly involved in test administration, should include reminders that the content of unreleased SOL test items is not to be discussed with students or with other school staff; providing training for all school staff on how to report potential SOL test security concerns
•	Maintaining an appropriate "school climate" during the testing schedule (such as appropriate student and staff behavior, avoiding distracting instances such as planned fire drills, reviewing division guidelines on cell phones, texting, and other electronics, etc.)
•	Training of Examiners and Proctors, and preparing the entire school staff for the test administration; ensuring that school staff are prepared to discuss with students the policies regarding cell phones, electronic devices, and other unauthorized materials during testing, and the consequences of cheating on the test
•	Reviewing security requirements, including use of the <i>School Division Personnel Test Security Agreement</i> ; reviewing local policies to ensure students have no access to cell phones or other electronic devices during testing
•	Preparing students for online testing with Practice Items and guides, Practice Tools, Training Center Tests, and released tests
•	Reviewing guidelines for participation of LEP students and students with disabilities
•	Arranging for testing site and alternate test locations; establishing an appropriate test setting
•	Understanding what testing materials/manipulatives are available online and what hand-held manipulatives are permitted for online and/or paper tests
•	Creating test sessions, assigning forms, knowing how to distinguish audio forms; adding and moving students; removing students from test sessions
•	Ensuring audio forms are successfully assigned and read-aloud sessions are correctly created

<ul style="list-style-type: none"> Accessing and printing Student Authorization Tickets (test tickets) and Examiner Authorization Tickets (for read-aloud accommodations) no earlier than 96 hours (4 school days) prior to the test session start date and storing the Authorization Tickets in a secure location until needed
<ul style="list-style-type: none"> Proctor caching test forms no earlier than 24 hours prior to the start of the division's test window; Windows that open on a Monday may have sessions proctor cached on the previous Friday
<ul style="list-style-type: none"> Starting test sessions only on the day of testing and stopping test sessions at the end of the day
<ul style="list-style-type: none"> Administering SOL testing under standardized conditions using the <i>Examiner's Manuals</i> (for paper tests, Examiners/Proctors must use the <i>Supplement to the Examiner's Manual</i>)
<ul style="list-style-type: none"> Understanding how to navigate in TestNav and the purpose of the various test screens
<ul style="list-style-type: none"> Understanding the monitoring duties of the Examiner and Proctor during testing, how student questions may be answered, and what level and kinds of assistance may be given
<ul style="list-style-type: none"> Establishing procedures for monitoring students and ensuring test security when a break is requested
<ul style="list-style-type: none"> Handling emergencies
<ul style="list-style-type: none"> Troubleshooting procedures
<ul style="list-style-type: none"> Resuming exited students
<ul style="list-style-type: none"> Understanding Early Warning System procedures
<ul style="list-style-type: none"> Reporting problems/errors on SOL test forms
<ul style="list-style-type: none"> Resolving testing irregularities
<ul style="list-style-type: none"> During the Grades 3-8 <i>Reading</i> tests, identifying struggling LEP students and discontinuing testing following the guidelines in the <i>Examiner's Manuals</i>
<ul style="list-style-type: none"> During testing, implementing the procedures for the break or transition between parts 1 and 2 of the Grades 3, 4, and 5 <i>Reading</i> tests, the Grade 3 <i>Mathematics</i> CAT, Grades 4 and 5 <i>Mathematics</i> tests, and the Grades 6 and 7 <i>Mathematics</i> CAT
<ul style="list-style-type: none"> During testing, moving students and testing materials to an alternate location
<ul style="list-style-type: none"> Marking tests complete guidelines
<ul style="list-style-type: none"> Scheduling test sessions, make-up sessions
<ul style="list-style-type: none"> Accounting for all students currently enrolled in a course requiring the SOL test
<ul style="list-style-type: none"> Retaining and disposing test materials according to division guidelines
<ul style="list-style-type: none"> After testing, adding test-specific data in PearsonAccess, such as testing accommodations and testing status codes
<ul style="list-style-type: none"> Removing online authorizations from users at the appropriate times

TRAINING TOPICS FOR STCs SPECIFICALLY REGARDING PAPER TESTS

<ul style="list-style-type: none"> Receiving and verifying non-secure and secure testing materials
<ul style="list-style-type: none"> Hand-coding demographic information on answer documents
<ul style="list-style-type: none"> Ensuring correct test booklets are issued to students paying special attention to previous standards and current standards tests
<ul style="list-style-type: none"> Completing the students' answer documents as applicable for Field H, <i>Testing Status</i>, and Field I, <i>Special Test Accommodations</i>
<ul style="list-style-type: none"> Using the <i>Supplement to the Examiner's Manual</i> to administer paper tests
<ul style="list-style-type: none"> After testing, preparing the <i>Header Sheets</i> and paper bands
<ul style="list-style-type: none"> After testing, verifying, organizing, packing, and returning scorable and non-scorable materials

- Returning all test materials to the DDOT in accordance with deadlines

Refer to the *Supplement to the Writing and Non-Writing Test Implementation Manuals* for details regarding these topics.

4.2 Train Examiners/Proctors

- STC** ☒ Provide appropriate training to the school's Examiners and Proctors based on information in the testing manuals, local directions received from your DDOT, and other pertinent sources. Prepare the entire school staff for the test administration.
- ☒ Address the following training topics.

TRAINING TOPICS FOR EXAMINERS/PROCTORS	
•	Identifying responsibilities of Examiners and Proctors
•	Thoroughly reviewing the security requirements of the <i>School Division Personnel Test Security Agreement</i> and the Virginia General Assembly Legislation on test security; reviewing local policies to ensure students have no access to cell phones or other electronic devices during testing
•	Reviewing with all school staff, who are not directly involved in test administration, the requirement that the content of unreleased SOL test items is not to be discussed with students or with other school staff; reviewing with all school staff the process of how to report potential SOL test security concerns
•	Preparing students for testing, using Practice items, Training Center tests, Released Tests (if applicable), etc.
•	Reviewing the testing schedule
•	Preparing the test site
•	Using classroom Proctors and/or Interpreters (if necessary)
•	Understanding what testing materials/manipulatives are available online and what hand-held manipulatives are permitted for online and/or paper tests
•	Becoming familiar with the various functions of online testing, navigating in TestNav, and the purpose of the various screens by practicing with the TestNav 7 application by using Practice Items and guides and the Training Center Practice Tests
•	Administering SOL testing under standardized conditions using the <i>Examiner's Manual</i> (for paper-pencil tests Examiners/Proctors must use the <i>Supplement to the Examiner's Manual</i>)
•	Ensuring students receive the correct Student Authorization Ticket
•	Ensuring eligible students receive authorized testing accommodations
•	Reviewing the monitoring duties of the Examiner and Proctor during testing, how student questions may be answered and what level and kinds of assistance may be given
•	Reviewing procedures if the Early Warning System appears on a student's test
•	Reviewing the process of permitting student requested breaks
•	Administering the Grades 3, 4, and 5 <i>Reading</i> tests over 1 or 2 days and specific break/transition procedures (traditional online, and paper)
•	Administering the Grade 3, 4, and 5 <i>Mathematics</i> tests over 1 or 2 days with specific break/transition procedures required for each test (CAT, traditional online, and paper)
•	Administering the Grades 6 and 7 <i>Mathematics</i> tests on the same day with specific break/transition procedures (CAT and paper)
•	Identifying and reporting testing irregularities

• Handling emergencies
• Notifying STC of student reported errors on test items
• During Grades 3-8 <i>Reading</i> tests, identifying struggling LEP students and discontinuing testing following the guidelines in the <i>Examiner's Manuals</i>
• Reviewing the troubleshooting process
• During testing, moving students and testing materials to an alternate location
• Reviewing the process of notifying the STC of students not tested or requiring make-up sessions
• Reviewing the process of returning testing material

TRAINING TOPICS FOR EXAMINERS/PROCTORS SPECIFICALLY REGARDING PAPER TESTS
• Hand-coding demographic information on answer documents
• Completing the <i>Assembly ID Sheets</i> to verify and document the number of test booklets contained in packages before distributing to students
• Using the <i>Supplement to the Examiner's Manual</i> to administer paper tests
• Coding Field F, <i>Form Number</i> , on the paper answer documents
• Organizing scorable and non-scorable test materials for return to the STC
• Returning all test materials to the STC
Refer to the <i>Supplement to the Examiner's Manual</i> for details regarding these topics.



IMPORTANT: *Examiners may review the Examiner's Manual before the day of testing. If paper tests will be administered, the Supplement to the Examiner's Manual should also be reviewed before the day of testing. Remember to include interpreters, itinerant teachers, and/or homebound teachers in your training if they will be administering tests to students.*

- STC** ☒ If the *Examiner's Manuals* are used for training, it may be necessary to collect them after training and then redistribute them on the day of testing to ensure that all Examiners have a copy for test administration.
- ☒ If paper tests will be administered, ensure the *Supplement to the Examiner's Manual* is provided and reviewed as well.

- DDOT** ☒ All test manuals may be viewed and downloaded from the Virginia Department of Education Web site at:

www.doe.virginia.gov/testing/test_administration/index.shtml

4.3 Online User Roles

- DDOT** ☒ The STC and Examiner user roles available in PearsonAccess consist of specific permissions that allow the user to have a limited range of access while in PearsonAccess. The various user roles are outlined in the *User Roles and Permissions* document on the Support page within PearsonAccess. The DDOT assigns the user role to STCs and may create the Examiners' user roles in PearsonAccess or designate STC to do so. Other user roles may be assigned by the DDOT as needed.
- ☒ The DDOT assigns the user role Get Authorizations – Seal Codes to STCs before testing begins to permit STCs to print student test tickets (print tickets no earlier than 4 school days prior to the date of testing). As soon as testing has been completed, the Get Authorizations – Seal Codes role must be removed.

4.4 Test Preparation Training

4.4.1 Applications for test preparation

The applications listed in the following chart are available for students, teachers, examiners, STCs, and DDOTs to practice various functions of testing and to experience sample test items that are representative of the content and skills assessed on SOL tests.

Table 4. Applications Available for Test Preparation

Application	Location	Purpose
Practice Items and Guides for <i>Mathematics</i> , <i>Science</i> , <i>Reading</i> , and <i>History/Social Sciences</i>	www.doe.virginia.gov/testing/sol/practice_items/index.shtml	The practice items provide examples of the content represented by the SOL and illustrate the Technology Enhanced Item types. The guide for each test provides step-by-step guidance for the teacher and students. The practice items are also available in audio format. The practice items are samples only and do not cover all content for each course.
Practice Items and Guides for VMAST <i>Mathematics</i> and <i>Reading</i>	www.doe.virginia.gov/testing/alternate_assessments/vmast_van_mead_achievement_std_test/practice_items/index.shtml	The VMAST practice items give students the opportunity to use research-based supports and simplifications that have been applied to existing online mathematics items to make them more accessible for students with disabilities. The practice items are samples only. They do not cover all mathematics or reading content for the grade level or course, nor do they provide examples of all item types or functionality that the student may encounter.
Training Center Test	<p>Access to a training center test is via a Student Authorization Ticket created in the Training Center.</p> <p>The Training Center is located at: http://www.pearsonaccess.com/</p> <p>Select: Virginia in the dropdown menu</p> <p>Select: the Training Center Tab</p>	<p>The following Training Center tests are available:</p> <ul style="list-style-type: none"> ○ ES Mathematics Training Test ○ MS mathematics Training Test ○ EOC Algebra I Training Test ○ EOC Geometry Training Test <p>The Training Center test will give students experience with the following: (1) logging in using a student test ticket, (2) selecting answer choices, (3) using a variety of tools, (4) flagging questions for review, (5) using the <i>Review</i> screen, (6) practicing the procedures for exiting a test, and (7) practicing with the audio format of the test. The Training Center test should not be used to review the SOL test content. Consult your STC for access to a Training Center test.</p>
Elementary School and Middle School <i>Mathematics</i> CAT Training Tests	www.doe.virginia.gov/testing/testadministration/cat/index.shtml	These computer adaptive training tests will give students experience with the following: (1) selecting answer choices, (2) using a variety of tools, (3) navigating through the test, (4) practicing the procedures for the break between sections (as appropriate). These training tests should not be used to review the SOL test content. The audio format of the CAT training tests is not currently available. Students who require an audio test should practice using a Training Center audio test or audio practice items.
Sample Items for <i>History</i> and <i>Social Sciences</i>	www.doe.virginia.gov/testing/sol/released_tests/2011/history_sample/index.shtml	Sample items based on the 2008 SOL are provided for the Content Specific History tests and all EOC <i>History/Social Science</i> tests. The sample items reflect the increased rigor and the higher cognitive level of the items that appear on the tests.
Released Tests	www.doe.virginia.gov/testing/sol/released_tests/index.shtml	Released Tests are actual SOL tests that were administered to Virginia public school students during a previous spring test administration. The tests are representative of the content and skills assessed. Current released tests available: <i>History/Social Sciences</i> (2008), <i>Mathematics</i> (2009), <i>Reading</i> (2010), and <i>Science</i> (2010)
Large-Print and Braille Released Tests	The DDOT may order the most current released tests using "Additional Orders" in PearsonAccess for these tests. For assistance contact Pearson at: 866-650-9425 or VAP@support.pearson.com	<p>Current SOL large-print and braille tests are available: <i>History/Social Sciences</i> (2008), <i>Mathematics</i> (2009), <i>Reading</i> (2010), and <i>Science</i> (2010).</p> <p>Contact Pearson for availability of previous SOL large-print and braille tests: <i>Reading</i> (2002), <i>Mathematics</i> (2001), and <i>Science</i> (2003).</p>

4.4.2 Pre-testing discussion regarding cell phones, electronic devices, and other unauthorized materials during testing

Prior to testing, school staff should discuss with students the consequences of having access to cell phones, electronic devices, or other unauthorized materials during testing. The DDOT should provide guidance to the STC regarding the division policy on cell phones and other electronic devices. The following information should be provided to students.

Cell phones and other electronic devices: While in the testing room, students may not have access to cell phones or other electronic devices while any students are testing. Students who refuse to remove their cell phones or other electronic devices from their work area (such as from pockets, desk tops, purses and backpacks stored within reach, etc.), will not be permitted to test until the device is secured (as local policy permits). Review the school division policy regarding cell phones and other electronic devices with the students.

Unauthorized materials: During testing students should have access only to those materials permitted for the test they are taking. More information about the materials permitted for testing may be found in Section 4.16 of this manual. Students may not access any other unauthorized materials during testing. Such materials include but are not limited to: formula cards, class notes, course content review materials, test taking strategy reminders, notes, text books and other curriculum materials, “cheat sheets,” unauthorized calculators, unauthorized formula sheets, extra highlighters, non-school issued scratch paper, etc.

4.4.3 Pre-testing discussion regarding cheating

Prior to testing, school staff should discuss with students the consequences of cheating on the test. The DDOT should provide guidance to the STC on the school division’s policy regarding what actions and behaviors are considered cheating.

4.5 Identify Students to Be Tested

The Spring 2016 SOL *Non-Writing* test administration is designed to accommodate the following groups of students:

1. Students who will complete classes in the spring semester requiring the following SOL tests: Grades 3–8 *Reading* and *Mathematics*, Grades 5 and 8 *Science*, *Virginia Studies*, *Civics & Economics*, and any class with an associated EOC test. Refer to Section 1 for the complete list of tests offered.
2. Students who have previously passed the class associated with an EOC SOL test, but failed the test and need it for verified credit, must be afforded the opportunity to retake the test. These students’ tests should be coded as *Retest* in PearsonAccess. Refer to the *Student Data Upload File Requirements* document for retest and recovery criteria. NOTE: Students who have fulfilled their specific diploma verified credit requirements should not be retested.
3. Students who are pursuing a Modified Standard Diploma may take the Grade 8 *Reading* and/or Grade 8 *Mathematics* tests to meet the literacy and numeracy requirements for this diploma. Students taking the VMAST Grade 8 *Reading* and/or *Mathematics* tests must meet the VMAST participation criteria.
NOTE: The Modified Standard diploma is available only to students in high school who entered the 9th grade for the first time prior to the 2013-2014 school year.
4. Students who failed a Grade 8 *Reading* or *Mathematics* test in 2014-2015 and participated in a remediation recovery program may retake the applicable test(s).
5. High school students identified as Project Graduation participants who have previously passed the course but failed the EOC SOL test, are retesting for the verified credit, and are currently participating in a Project Graduation initiative.
6. Students who are classified as Term Graduates and are attempting to graduate by August 31, 2016 and who need verified credits to fulfill graduation requirements.
7. Students who have already left school and are returning to take the SOL test(s) to earn verified credit, and/or students who are beyond school age but return to take an SOL test for verified credit. Such students may be enrolled in a class within an adult education program.

- ☑ Determination as to how students with disabilities and LEP students will participate in the SOL *Non-Writing* tests should be made in accordance with the following guidelines:

- *Limited English Proficient Students: Guidelines for Participation in the Virginia Assessment Program*
- *Students with Disabilities: Guidelines for Assessment Participation*
- *Students with Disabilities: Guidelines for Special Test Accommodations*

These documents are located on the Virginia Department of Education Web site at:

www.doe.virginia.gov/testing/participation/index.shtml

- DDOT** ☑ Review these documents carefully and provide STCs with information about whom they should contact within the division if they have questions about applying the guidelines. If you have any further questions, please contact the assessment staff at the Virginia Department of Education.

4.6 Document the Need for Paper Assessment

All students will be required to take the online version of the Standards of Learning (SOL) tests with the exception of students who meet one of the criteria listed below.

- Students who attend school in a location where a secure network connection or the required technology is not available to access an online test, such as special situation schools, homebound, residential facilities, hospitals, night schools, or Governor Schools.
- Students with disabilities with an accommodation specified in the Individualized Education Plan (IEP), 504 Plan, or Limited English Proficient (LEP) students with an accommodation specified in the LEP Student Assessment Participation Plan that necessitates a paper format, such as large-print test, braille test, or flexible schedule (multiple testing sessions requiring more than one school day).
- Students with a documented medical condition, such as a seizure disorder where exposure to a computer will aggravate the student's condition.

Students who meet these criteria may be administered a paper test.

Additionally, students with disabilities who require other accommodations that necessitate a paper test or those with medical conditions that render them unable to take an online test may be considered for a paper test.

The need for paper tests for these students must be documented using the *Documentation of Need for Paper Standards of Learning Assessment* form (Appendix C). Please remember that the use of paper tests for students with disabilities and students with medical conditions is intended only to provide access to the SOL assessments. Use of paper tests may not be allowed for the purpose of improving performance. See the following for additional information about the requirements associated with the *Documentation of Need for Paper Standards of Learning Assessment* form:

Students with Disabilities:

- Please note that the documentation of need form is not required for students with disabilities who need large print, braille, or a flexible test schedule that requires multiple test sessions.
- The student's IEP Team or 504 Committee must determine eligibility based on providing access to test content by completing sections I, II, and IIIA of the *Documentation of Need for Paper Standards of Learning Assessment* form.
- The IEP Team/504 Committee must document the decision on the student's IEP or 504 Plan. A copy of the completed and signed *Documentation of Need for Paper Standards of Learning Assessment* must be maintained in the student's educational record and in the Office of the Division Director of Testing.
- The *Documentation of Need for Paper Standards of Learning Assessment* must be reviewed annually by the student IEP Team or 504 Committee.

Students with Medical Conditions:

- A team composed of the Division Director of Testing, building principal, course content teacher, parent and other appropriate school staff must determine eligibility based on providing access to test content by completing sections I, II, and IIIB of the *Documentation of Need for Paper Standards of Learning Assessment* form.
- A letter from the student's physician or other health professional documenting the medical condition must be attached to the completed form as supporting documentation.
- A copy of the completed and signed *Documentation of Need for Paper Standards of Learning Assessment* form must be maintained in the student's educational record and in the Office of the Division Director of Testing.
- The *Documentation of Need for Paper Standards of Learning Assessment* must be reviewed annually by the student's team referenced previously.

The use of paper SOL assessments will be carefully monitored and all *Documentation of Need for Paper Standards of Learning Assessment* forms will be subject to audit by the Division of Student Assessment and School Improvement. Students who may need paper SOL assessments for reasons other than those discussed in this memorandum must obtain prior approval from the Virginia Department of Education.

If you have questions, please contact the student assessment staff by phone at (804) 225-2102 or by email at Student_Assessment@doe.virginia.gov.

4.7 Register Students for Testing

All students, including those outside your division, should be registered for testing as directed by the DDOT either via a Student Data Upload File or by hand-entering data within PearsonAccess.

- DDOT** ☒ For further instructions and details on how to submit a Student Data Upload File, refer to the *Student Data Upload File Requirements* document located online within PearsonAccess at:

www.pearsonaccess.com/va

If you have out-of-division students who will be taking online tests, contact the Virginia Department of Education for guidance.

- STC** ☒ Inform the DDOT if you have any new students.

4.8 Determine Where Tests Will Be Administered

- STC** ☒ Make arrangements for appropriate physical conditions for testing. Testing rooms/labs should be quiet, well lighted, and well ventilated. Each student's work space should be clear of books and other materials not needed for the test and large enough to accommodate testing materials. Crowding should be minimized and seating arranged to discourage students from copying or viewing one another's work. Students must not have access to cell phones or any other device that is capable of providing an unfair advantage.
- ☒ Remove from the testing site or cover all curricular materials and materials related to test content and test taking strategies that might influence student performance or provide an unfair advantage. These materials include but are not limited to maps, time-lines, graphic organizers, charts, posters, projections, computer programs, text books, dry-erase board displays, chalkboard displays, and bulletin board displays.
- ☒ Remove from student access any items not approved for use during testing. These items include, but are not limited to cell phones, any electronic device, additional highlighters, non-school issued scratch paper, formula cards, class notes, course content review materials, test taking strategy reminders, etc.
- ☒ For online testing, physical barriers on both sides of the workstations are helpful in deterring students from looking at each other's computer monitors.
- ☒ It may be helpful to provide Examiners with "TESTING IN PROGRESS: DO NOT DISTURB" signs for testing rooms.
- ☒ Students who are absent on the school's established SOL test date(s) must be given an opportunity to take any missed test on a make-up basis. A time and location must also be arranged for each necessary make-up session.

Establish Guidelines for the Alternate Test Site

SOL assessments are not timed. Students who do not finish by the end of the allotted test administration time should be given additional time. Students are **not** allowed, however, to complete the test after leaving, voluntarily or not, for any activity that would allow interaction with other students, access to any educational materials, or electronic devices. Students **must** complete the test in one school day (refer to Section 4.9 for exceptions).

STCs must be prepared to move students, who have not completed the test, to an alternate testing site. The alternate testing site must be prepared as described previously. Prior to testing, establish guidelines for moving students from the test site to the alternate test site. The plan should include guidance regarding:

- maintaining the security of secure materials (i.e. test tickets, test booklets, answer documents, all scratch paper, used formula sheets, and audiotapes, etc.);
- monitoring students during the move to prevent discussion of the test or course content, in any way with anyone, and to prevent student access to any educational materials, cell phones/electronic devices, and returning each student's own materials and resuming testing; and
- preparing for student breaks (i.e. lunch, student requested break). Refer to section 5.4.3 for guidance.

NOTE regarding calculator use: The student should be reissued the same calculator he/she received for the test. If the student is issued a different calculator, it must be reset/prepared as described in Section 4.16, prior to being issued to the student.

4.9 Schedule the School's Testing Sessions

The SOL *Non-Writing* test administration takes precedence over other scheduled school activities.

Each SOL test is to be completed in one school day with the exception of the Grades 3, 4, and 5 *Mathematics* and *Reading* tests or those students who qualify for the Flexible Schedule accommodation as described in Appendix C.

- DDOT** ☒ All testing sessions for the school division must be scheduled within the division's testing window. If you need to adjust the testing window, notify the VDOE student assessment staff immediately.
- ONLINE** ☒ DDOTs, Project Managers, and STCs should work together to determine the online test schedule. Some things to consider include:
- number of concurrent tests your network can successfully manage
 - number of students participating in online testing
 - number of online test sessions your schools will offer each day
 - number of available labs/computers
- ☒ Notify Pearson well in advance if a school plans to administer online SOL tests after 5:00 P.M. (Eastern Time). Provide the following information:
- Division Name
 - School Name
 - Date(s) of After Hours Testing
 - Time of After Hours Testing
- ☒ Permission from VDOE must be obtained prior to any testing on weekends.
- ☒ Make-up sessions are to be completed according to the division's schedule as long as the schedule affords each student an adequate opportunity to take missed tests. Additionally, the division's make-up schedule must allow time for assembly and shipment of all paper scorable answer documents by the date(s) reported to Pearson. **Work with the STCs to establish the testing schedule and appropriate make-up testing schedules for their schools.**
- STC** ☒ Schedule testing sessions to avoid interruptions by drills (fire, tornado, intruder, etc.) and other school functions.

- ☑ Take into consideration that the SOL assessments are untimed tests. Students should be afforded as much time as they need to complete the test. Make sure that testing sessions are scheduled so that they begin early enough to allow students reasonable amounts of time to complete the test before lunch or before the end of the school day.
- ☑ Each school's testing dates and time for each subject (for paper and/or online) must be on file with the DDOT. **If a change to testing dates or times occurs, notify the DDOT immediately.**
- ☑ Make sure that each school provides students with advance notice of the test dates and schedule. Urge students' parents/guardians not to make appointments for their children or to take them out of school unnecessarily on the test days.
- ☑ Schedule make-up sessions so that all testing is completed before the end of the division's test window and prior to the deadline for the return of materials to Pearson (refer to calendar in this manual.)
- ☑ Prior to the first date of testing, develop a plan to accommodate situations in which "allocated" time has elapsed but students have not yet completed the test. For example, these students could be moved to an alternate location such as a library or activity room, or if applicable, a location equipped with computer workstations or an available computer lab, so that they can finish the test.



IMPORTANT: Plans for alternate testing sites should include appropriate test security precautions. If students must be moved to an alternate testing site to complete the test, their test booklets, answer documents, test tickets, scratch paper, and any other testing materials must be collected by an Examiner or Proctor prior to the move. Students must not be permitted to discuss the test or course content in any way with anyone or have access to any educational materials, cell phones, or other electronic devices during the move. Once in the alternate site, return each student's own materials and resume testing.

4.10 Select Examiners and Determine Testing Groups

- STC** ☑ Determine how students will be grouped for testing and which staff members will serve as Examiners. If resources permit, it is recommended that teachers do not serve as Examiners or Proctors to their own students.

4.11 Determine the Need for Proctors and Arrange for Assistance

Testing students in large groups is **not** recommended. Testing in smaller groups lessens test fear and anxiety for the student and facilitates the Examiner's ability to monitor and control the testing session. However, if it is necessary to test a large group of students, consider the addition of Proctors to the testing session.

It is best that Examiners supervise the testing of no more than 25–30 students on their own. If the group's size exceeds this, one Proctor is recommended for every 25–30 **additional** students.

- STC** ☑ In selecting Proctors, be aware that each must sign the *School Division Personnel Test Security Agreement* noted in Sections 4.12 and 4.13. The use of non-school personnel as Proctors should be approached with caution. Proctors should receive the same training as Examiners.
- ☑ If Proctors are not used, arrange to have another school staff member within calling distance of each testing session so that an emergency situation, such as escorting a student to the restroom or nurse, may be handled with a minimum of disruption.

4.12 Review Procedures for Ensuring Test Security

The *School Division Personnel Test Security Agreement* should be read and understood by all school division personnel. All individuals who may be exposed to secure test items and those involved in the administration of Virginia SOL Assessments (including but not limited to Examiners, Proctors, Interpreters, and Scribes) **MUST** read, understand, and agree to adhere to the *School Division Personnel Test Security Agreement* (Appendix A). This agreement must be completed before access to PearsonAccess is granted or any online or paper test is administered.

- ☑ Each school division must ensure the security and accountability of all test materials from the time of receipt until all testing is completed. Paper secure test materials will be addressed and shipped to the DDOT, who has primary responsibility for their security.

Refer to information included in the SOL testing manuals and their supplements for procedures to maintain the following:

- a secure test environment
- student electronic data files
- Student and Examiner Authorization tickets
- configuration of computers
- security authorizations
- receipt, inventory, distribution, and secure storage of test materials

Security procedures must be followed to ensure complete test security.

WITHOUT EXCEPTION, copies of secure test booklets (including braille and large-print test booklets, Examiner copies, and audios), Student and Proctor Authorization tickets, student paper, audio, or electronic responses used for transcriptions, audio/electronic copies of testing sessions (e.g., read-aloud), students' used scratch paper, and used answer documents **must** be kept in secure, locked storage at all times when they are not in use in an actual testing session.

- ☑ Review your local security procedures to ensure that students have no access to cell phones or other electronic devices during testing.

4.13 Collect Completed *School Division Personnel Test Security Agreements*

Division/school personnel involved with both online and paper testing need only sign only one test security agreement per administration. **Persons who have not signed the *School Division Personnel Test Security Agreement* may not be allowed access to any SOL tests or student responses.**

- ☑ The *School Division Personnel Test Security Agreement* is a two page document. Be sure to copy both pages for each staff member and make as many copies as necessary. Do not use previous versions of the test security agreement.
- ☑ Ensure that all school division staff who may be exposed to secure test items and those involved in the administration of the SOL Assessments read, understand, agree to adhere to, and sign the *School Division Personnel Test Security Agreement*. Such personnel include, but are not limited to: the DDOT, STC, test examiners, proctors, project manager and other technology staff, staff providing testing accommodations such as conducting read-aloud, translation/transliteration, dictation to a scribe administrations, staff involved in transcriptions, staff providing a break to examiners/proctors, computer lab staff, hall/restroom monitors, student escorts, personal assistants for students, assistants to the DDOT and STC, teacher assistants, curriculum coordinators, administrators, department heads, teachers, staff who have access to secure test materials storage, etc.

STC ☑ Forward the signed test agreements to your DDOT as directed in Section 6.4.

DDOT ☑ Both the DDOT and the division's superintendent must complete and sign the *School Division Test Security Agreement* and fax to Pearson **by Friday before the first week of the division's testing window** (if it was not submitted previously for the Fall *Non-Writing Test Administration*). The agreement, which may be photocopied, is in Appendix A.

4.14 Additional Security Procedures for Online Testing

When a user initially logs into PearsonAccess (www.pearsonaccess.com/va) to enter the Virginia SOL Web-Based Assessments Web site, he/she will be prompted to read and accept the *School Division Personnel Test Security Agreement*, the *Privacy Policy*, and the *Terms of Use* for accessing and using PearsonAccess. After reading these documents, the user may print and sign the *School Division Personnel Test Security Agreement* by clicking the *Print Friendly* link on the screen. The STC should collect the signed test security agreements and forward them along with the other test security agreements to the DDOT as directed in Section 6.4.

The online version of the Virginia SOL *School Division Personnel Test Security Agreement* is the same as that provided in Appendix A of the *Test Implementation Manual* and the *Examiners Manuals*. Testing personnel need to sign only one copy for each testing administration. STCs and Examiners can refer to the manuals for copies of the required *School Division Personnel Test Security Agreement* for any subsequent test administrations. Paper copies of the agreement with actual signatures of the testing staff must be available and retained on file in the DDOT's office.

4.14.1 DDOT Testing Checklist

- DDOT** ☒ DDOTs and Project Managers should review the DDOT Testing Checklist (pages xiv and xv). Review procedures such as but not limited to the security of the test environment, proctor caching test forms (no earlier than 24-hours prior to the start of the testing date), printing Student and Examiner Authorization Tickets, starting test sessions on the day of testing, stopping test sessions at the end of each day, and maintaining the integrity of the computers used during testing.

4.14.2 Student test tickets

- ☒ Any time Student and Examiner Authorization Tickets (student test tickets) are printed in advance of the testing session (no more than 96 hours, 4 schooldays prior to a test session), they must be kept in secure, locked storage until the actual testing session. Do not start a test session (activating the test tickets) until the day of the scheduled session. Examiners need to sign out the test tickets on the day of a test session. After a test session, Examiners should be instructed to collect the test tickets from students and Examiners (who provide the read-aloud accommodation) and return them to the STC. The *Test Ticket Transmittal Form and Affidavit for Examiners/Proctors* (Appendix B) may be used for this purpose.

4.15 Provide Special Accommodations During Testing

Before testing, appropriate staff should become familiar with special test accommodations specified in students' IEPs, 504 Plans, or LEP Student Assessment Participation Plans. These are described in detail in Appendices C and D of this manual and in Appendices B and C of the *Examiner's Manuals*. For information regarding students with disabilities and LEP students' participation in state assessments, refer to: *Students with Disabilities: Guidelines for Assessment Participation*, *Students with Disabilities: Guidelines for Special Test Accommodations*, and *Limited English Proficient Students: Guidelines for Participation in the Virginia State Assessment Program*, which are available on the Virginia Department of Education's Web site located at:

www.doe.virginia.gov/testing/participation/index.shtml

All accommodations provided to students must be documented in PearsonAccess. Refer to Appendix D for the *Tables of Testing Accommodations Available for the SOL Non-Writing Tests*.

School divisions may request an accommodation not listed in the *Special Testing Accommodations*, Appendix C, by submitting the *Special Assessment Accommodation Request* form to the Virginia Department of Education by the deadline noted in the Test Administration Schedule in the front of this manual. The form is located on the Virginia Department of Education's Web site at:

www.doe.virginia.gov/testing/participation/index.shtml

- **Response Accommodations:** To meet any response accommodations specified in the student's IEP, 504 Plan, or LEP Student Assessment Participation Plan, directions read aloud to students may be modified. For example, the directions on how to select answers online or mark the answer document may be modified for students who have the accommodation of "student responds verbally, points, indicates a response, marks answers in test booklet" (accommodation code 18).

- **For Paper Tests:** The testing directions may be modified for students who do not enter their answers onto the answer document themselves. Such students indicate their answers in a different way (verbally, by pointing, by circling answers in the test booklet) according to the testing accommodations specified in their IEPs, 504 Plans, or LEP Student Participation Plans. The Examiner then enters the student's choices onto the answer document.

The Examiner may omit the test directions pertaining to the student completing the information in Fields A, F, and G on the answer document and writing his/her name on the test booklet. Before or after testing, the Examiner should complete Fields A, F, and G and write the student's name on his/her test booklet.

Examiners may modify the testing directions to reflect the accommodation. For example, the direction to fill in the circle on the answer document for the letter of the best answer may be modified to "circle the answer in your test booklet," "say your answer," or "point to the answer." Refer to Appendix C of this manual for the requirements for administering tests with accommodations.

- **For Online Tests:** The testing directions may be modified for students who do not use the mouse or the keyboard to enter their answers into TestNav. Such students indicate their answers in a different way (verbally, by pointing) according to the testing accommodations specified in their IEPs, 504 Plans or LEP Student Assessment Participation Plans. The Examiner then enters the student's answers into TestNav.


Examiners may modify the testing directions to reflect the accommodation. For example, the direction for using the pointer tool to select the answer may be modified to "point to the answer" or "say your answer." The directions pertaining to navigation may be modified to "tell me if you want to go back to a previous question" or "point to the flag on the screen if you want a question flagged for review." Refer to Appendix C for the requirements for administering tests with accommodations.

- **Paper Audio Tests:** Students should be familiar with operating the audio equipment for the CD prior to testing.
- **Online Audio Tests:** Students should have had practice using the audio control box by practicing on an audio training test (refer to Section 4.4).
- **Read-Aloud on the Online Tests (not including CAT):** Students who require the read-aloud accommodation must be placed in a read-aloud test session when creating the test session in PearsonAccess. All the students assigned to a read-aloud session will receive the same test form. Examiners who will be reading the test aloud to the students in the read-aloud session will be given access to an online test to be viewed on the Examiner's workstation only, through the use of a Proctor Test Ticket. Access to the test is being provided to allow the Examiner to read the questions and answer options to the student(s) on a computer monitor that is not part of a student's workstation.
- **Read-Aloud for Grades 3, 6, 7 and 8 Mathematics CAT:** Test questions presented to students on a Computer Adaptive Test are **selected** by the computer based on the student's response to each question. Because the selection of items is customized for each student, an Examiner/Proctor test cannot be created on a separate workstation. If the student requires a read-aloud administration of a Computer Adaptive Test, follow the Read-Aloud test guidelines in **Reading of Test Items Aloud—Information for all Assessments** and **Read-Aloud Guidelines for Computer Adaptive Tests (CAT)** located in Appendix C.
- **Interpreting/Transliterating CAT Items:** Because the selection of items is customized for each student, an Interpreter's/Transliterating's copy of the test cannot be created on a separate workstation. If the student requires interpretation/transliteration services on a Computer Adaptive Test follow the interpreting/transliterating guidelines in **Interpreting/Transliterating Test Items (e.g., sign language, cued speech)—Information for ALL Assessments** and **Interpreting/Transliterating Computer Adaptive Test (CAT) Items** located in Appendix C.
- **Mixed Group Testing:** Students taking the test with the audio accommodation (using headphones) may be tested in the same room as students taking the test without the audio accommodation. In this instance the Test Examiner may read the audio/read-aloud test directions for the sample items to all students. Students administered a read-aloud test (an examiner reads the test to the student) must be tested in a "read-aloud only" test room.
- **Calculators for Students with Blindness or Visual Impairments:**
 - Students with blindness or visual impairments frequently need calculators with large keys, buttons, displays, and/or talking capabilities. Calculators with these accessibility features are allowed on the SOL *Mathematics* tests for students with blindness or visual impairments, as long as they have the same mathematical functions as approved calculators (refer to Table 9 and the Hand-Held Calculator Guidelines in Section 4.16). The use of calculators with accessibility features does not require the submission of a *Special Assessment Accommodation Request* form.
 - Students using a calculator with talking capabilities must be tested individually or with earphones so that other students are not disturbed by the calculator's audio feature.
- **Braille Tests:** Examiners/Proctors responsible for monitoring students using braille tests should be familiar with the Braille Notes and Transcriber's Notes included in the Examiner's copy of the braille

test. The Braille Notes list the differences between the braille test form and the corresponding Examiner's copy and are intended to help the Examiner answer any questions that a student may have regarding reading and interpreting items in the braille form. Transcriber's Notes provide information to the (braille) reader that is not readily apparent by reading the test item's text alone. If a student has a question pertaining to the Transcriber's Notes on his/her test, the Examiner can consult the Examiner's copy for assistance.

- **Large-Print Tests:** Examiners/Proctors responsible for monitoring students using large-print tests should be aware of font size variations that may appear on a student's test.
 - For most large-print tests, the print size for items containing subscripts and superscripts will appear larger than other test items on the same page. This difference is to ensure that the subscripts and superscripts associated with these items meet the appropriate font size for large print tests and are accessible to students with visual impairments. To maintain the appropriate proportion of the size of the subscript or superscript, the size of the test item will be larger than the 18-20 point type typically seen in a large-print item. Items of this nature primarily occur in the Mathematics test for large print, but may occur in *Science*, *History/Social Science*, *Reading*, and *Writing* tests. As a result, students may encounter test items with varying font sizes throughout the test.
 - For a smaller number of older large-print tests, text appearing in graphics, maps, and tables is enlarged proportionally but will not be as large as the 18-20 point font size appearing in the item stem and answer options. If a student has difficulty reading text smaller than 20 point in large-print forms, the student may use a magnification device that has been used routinely in instruction.
- **Temporary Conditions:** Special test accommodations may be provided to students with a documented temporary condition, such as a broken arm or injured hand, who do not have an IEP or 504 Plan. Documentation of the temporary condition and necessary accommodations must be maintained in the student's school/division file. The STC should coordinate with the Examiner on how accommodations will be provided during the testing session. Refer to Section 6.2.2 for PearsonAccess coding assistance.
- **Adjustments Available to All Students:** The following adjustments to the conditions under which an SOL test may be administered are available to any student as needed. Refer to Appendix C of this manual for further information.
 - group size
 - environmental modifications
 - large diameter pencil, special pencil, pencil grip
 - assistance with directions
 - reading a test out loud

4.16 Test Tools and Materials

- DDOT** ☒ Information regarding test manipulatives is listed in Tables 5, 6, and 7. The hand-held manipulatives are typically stored in the school division. If you have not already arranged for the distribution of these manipulatives, you must do so before testing is to begin. Make sure that STCs are aware of the information included in the *Examiner's Manuals* regarding the use of test manipulatives.
- ☒ For online testing, most manipulatives are available on the toolbar in TestNav (except for a graphing calculator, scientific calculator, and scratch paper). Only those tools allowed for a given online SOL test are available on the toolbar. Refer to Appendix G for the list of online tools and their functions available for each test.
- ☒ TestNav tools cannot be used to indicate answers to online test items. The Pointer  must be used: to select multiple-choice answers; to place the cursor in a box in order to type an answer; to plot points on a line or graph; to select one or more answers; or to drag answers from one location to another. If the student uses a tool other than the Pointer to indicate his/her answer, the *Review* screen will show that question as *Unanswered*.

Grades 3, 6, 7, and 8 *Mathematics* CATs—If the student uses a tool other than the Pointer to indicate his/her answer, the student will not be able to advance to the next question.

All other online SOL tests—If a student informs the Test Examiner or Proctor that his/her *Review* screen shows a question as *Unanswered* and the student feels that he/she did answer the question, the Examiner or Proctor should instruct the student to go back to the test item to make sure that the Pointer was used to indicate the answer. NOTE: Grades 3, 6, 7, and 8 *Mathematics* CATs do not have a Review screen.

- ☑ STCs may distribute the hand-held manipulatives to Examiners prior to testing or on the day of testing. For paper testing the *Mathematics* formula sheets and the *Chemistry Periodic Table of the Elements* are located immediately inside the front cover of the test booklets. The following tables list the manipulatives and materials available to students on the Spring 2016 Grades 3–5 and CSH (Table 5), Grades 6–8 (Table 6), and EOC (Table 7) SOL tests. Students should be familiar with the tools and materials needed for the test they will be taking.

Table 5. Allowable Test Manipulatives for Grades 3–5 and Content Specific History Tests

SOL Test	Scratch Paper	Calculator	Protractor or Angle Ruler	Metric/Standard Ruler or Straightedge Tool
Gr. 3 Reading	Yes ¹			
Gr. 3 Mathematics	Yes ¹			Yes ⁴
Gr. 4 Reading	Yes ¹			
Gr. 4 Mathematics	Yes ¹	4-Function Calculator ² May only be used on the 2 nd section of the test		Yes ⁴
Gr. 5 Reading	Yes ¹			
Gr. 5 Mathematics	Yes ¹	4-Function Calculator ² May only be used on the 2 nd section of the test	Protractor ³ or Angle Ruler ³	Yes ⁴
Gr. 5 Science	Yes ¹	4-Function Calculator ²		Yes ⁴
Virginia Studies	Yes ¹			
Civics & Economics	Yes ¹			

NOTES

¹Scratch paper must be of a single color and blank (must not contain any words, numbers, symbols, labels, or graphics). Acceptable scratch paper includes plain paper (no lines), lined paper, grid/graph paper, sticky notes, and note cards. Students may not be issued any form of a graphic organizer, writing web, outline, etc. Patty paper may be used for paper testing only. Students may be issued multiple sheets and multiple types of scratch paper; however, Examiners must keep track of all scratch paper distributed to students and ensure that it is all collected and accounted for before students are dismissed from the testing session. The STC may distribute the scratch paper to Examiners prior to testing or on the day of testing, or may instruct Examiners to provide their own scratch paper for testing sessions. All scratch paper must be returned to the STC.

For online testing, the use of patty paper, dry-erase markers, and transparencies is not permitted. Students may not trace images directly from the computer monitor. Students may not hold anything up to the computer monitor. Examples of acceptable grid/graph paper are posted on the VDOE Web site at:

www.doe.virginia.gov/testing/test_administration/ancillary_materials/index.shtml

²For online testing, students *may* choose to use the hand-held 4-function calculator in addition to the online 4-function calculator.

³For online testing, students *must* use the online protractor. For paper testing students may use either a protractor **or** an angle ruler.

⁴For online testing, students must use the online ruler and straightedge tools.

Table 6. Allowable Test Manipulatives for Grades 6–8 Tests

SOL Test	Scratch Paper	Calculator	Protractor or Angle Ruler	Metric/Standard Ruler or Straightedge Tool	Formula Sheet
Gr. 6 Reading	Yes ¹				
Gr. 6 Mathematics	Yes ¹	Approved Scientific Calculator ² Allowed on Section 2 <u>only</u>	Protractor ⁴ or Angle Ruler ⁴	Yes ⁵	Formula Sheet ³
Gr. 7 Reading	Yes ¹				
Gr. 7 Mathematics	Yes ¹	Approved Scientific Calculator ² Allowed on Section 2 <u>only</u>		Yes ⁵	Formula Sheet ³
Gr. 8 Reading and VMAST Gr. 8 Reading	Yes ¹				
Gr. 8 Mathematics	Yes ¹	Approved Scientific Calculator ²		Yes ⁵	Formula Sheet ³
VMAST Gr. 8 Mathematics	Yes ¹	Approved Scientific Calculator ²		Yes ⁵	No If a formula is needed, it will be included with the test item.
Gr. 8 Science	Yes ¹	4-Function Calculator ³ or Approved Scientific Calculator ²		Yes ⁵	

NOTES

¹Scratch paper must be of a single color and blank (must not contain any words, numbers, symbols, labels, or graphics). Acceptable scratch paper includes plain paper (no lines), lined paper, grid/graph paper, sticky notes, and note cards. Students may not be issued any form of a graphic organizer, writing web, outline, etc. Patty paper may be used for paper testing only. Students may be issued multiple sheets and multiple types of scratch paper; however, Examiners must keep track of all scratch paper distributed to students and ensure that it is all collected and accounted for before students are dismissed from the testing session. The STC may distribute the scratch paper to Examiners prior to testing or on the day of testing, or may instruct Examiners to provide their own scratch paper for testing sessions. All scratch paper must be returned to the STC.

For online testing, the use of patty paper, dry-erase markers, and transparencies is not permitted. Students may not trace images directly from the computer monitor. Students may not hold anything up to the computer monitor. Examples of acceptable grid/graph paper are posted on the VDOE Web site at:

www.doe.virginia.gov/testing/test_administration/ancillary_materials/index.shtml

²For online testing, students *must* use a hand-held scientific calculator, as scientific calculators are not available online.

³For online testing, students *may* choose to use the hand-held test manipulative in addition to the online tool.

⁴For online testing, students *must* use the online protractor. For paper testing students may use either a protractor **or** an angle ruler.

⁵For online testing, students *must* use the online version of this test manipulative.

Table 7. Allowable Test Manipulatives for End-of-Course SOL Tests

EOC SOL Test	Scratch Paper	Calculator	Compass	Metric/ Standard Ruler	Formula Sheet	Table of Standard Normal Probabilities (z-table)
				Straightedge Tool	Periodic Table of the Elements	
EOC <i>Reading</i> and VMAST EOC <i>Reading</i>	Yes ¹					
<i>Algebra I</i> and Plain English <i>Algebra I</i>	Yes ¹	Approved Graphing Calculator ²		Yes ⁴	Formula Sheet ³	
VMAST <i>Algebra I</i>	Yes ¹	Approved Graphing Calculator ²		Yes ⁴	No If a formula is needed, it will be included with the test item.	
<i>Geometry</i>	Yes ¹	Approved Graphing Calculator ²	Compass ⁴	Yes ⁴	Formula Sheet ³	
<i>Algebra II</i>	Yes ¹	Approved Graphing Calculator ²		Yes ⁴	Formula Sheet ³	z-table ⁵
<i>Earth Science</i>	Yes ¹	Approved 4- Function ³ or Scientific ² or Graphing Calculator ²		Yes ⁴		
<i>Biology</i>	Yes ¹	Approved 4- Function ³ or Scientific ² or Graphing Calculator ²		Yes ⁴		
<i>Chemistry</i>	Yes ¹	Approved 4- Function ³ or Scientific ² or Graphing Calculator ²		Yes ⁴	Periodic Table of the Elements ⁴	
<i>VA & US History</i>	Yes ¹					
<i>World History I</i>	Yes ¹					
<i>World History II</i>	Yes ¹					
<i>World Geography</i>	Yes ¹					

NOTES

¹ Scratch paper must be of a single color and blank (must not contain any words, numbers, symbols, labels, or graphics). Acceptable scratch paper includes plain paper (no lines), lined paper, grid/graph paper, sticky notes, and note cards. Students may not be issued any form of a graphic organizer, writing web, outline, etc. Patty paper may be used for paper testing only. Students may be issued multiple sheets and multiple types of scratch paper; however, Examiners must keep track of all scratch paper distributed to students and ensure that it is all collected and accounted for before students are dismissed from the testing session. The STC may distribute the scratch paper to Examiners prior to testing or on the day of testing, or may instruct Examiners to provide their own scratch paper for testing sessions. All scratch paper must be returned to the STC.

For online testing, the use of patty paper, dry-erase markers, and transparencies is not permitted. Students may not trace images directly from the computer monitor. Students may not hold anything up to the computer monitor. Examples of acceptable grid/graph paper are posted on the VDOE Web site at:

http://www.doe.virginia.gov/testing/test_administration/ancillary_materials/index.shtml

² For online testing, students *must* use a hand-held scientific or graphing calculator as specified above, as scientific/graphing calculators are not available online.

³ For online testing, students *may* choose to use the hand-held test manipulative in addition to the online tool.

⁴ For online testing, students *must* use the online version of this test manipulative. A Safe-T® compass may be used on the paper test.

⁵ Only *Algebra II* (2009) tests will have test items for which a z-table could be used. Students *may* choose to use a paper copy of the z-table.

Grade 8 and EOC *Mathematics* Formula Sheets

- Students taking an online Grade 8 *Mathematics*, *Algebra I*, *Geometry*, or *Algebra II* SOL test may use a paper formula sheet in addition to the online version. Testing staff must be aware that there are two different formula sheets for the Grade 8 *Mathematics*, *Algebra I* and *Geometry* SOL tests depending on whether the student takes the test based on the 2009 SOL or the 2001 SOL. In addition, students taking the *Algebra II* test based on the 2009 SOL will need access to both a z-table and a formula sheet that is different from that used by students taking the *Algebra II* test based on the 2001 SOL. Examiners must not allow a student to test using an incorrect formula sheet. Refer to Table 8 for formula sheet details.
- Online testing directions have students verify that the formula sheet they are given is appropriate to the test named on their test ticket. Table 8 shows the Grade 8 *Mathematics* and EOC *Mathematics* tests and title that will appear on its corresponding paper formula sheet.
- Students taking paper Grade 8 *Mathematics*, *Algebra I*, *Geometry*, or *Algebra II* tests will use the formula sheet/z-table (as applicable) included in their test booklet. Kits containing the large-print or braille versions of the *Mathematics* test include the corresponding large-print or braille version of the formula sheet/z-table (as applicable).

EOC *Chemistry Periodic Table of the Elements*

- The *Periodic Table of the Elements* for the new standards (2010) *Chemistry* test is different from the *Periodic Table of the Elements* for the previous standards (2003). Students taking paper tests will use the *Periodic Table of the Elements* included in their test booklet. Students taking the online *Chemistry* test (2010 or 2003 standards) must only use the *Periodic Table* provided on the online test's toolbar.
- Kits containing the large-print or braille versions of the *Chemistry* test include the corresponding large-print or braille version of the *Periodic Table of the Elements*.

Online Tools

- For a complete list of all online tools available for each test, their functions, and limits refer to Appendix G.

Pencils

- For paper testing students **must** use only No. 2 pencils when completing the answer document. Make sure there is an extra supply of No. 2 pencils with erasers available for students to use. Mechanical pencils may be used as long as they have No. 2 lead.

Optional Materials

- Students may be provided one single-color highlighter **or** one single-color pencil or pen. The student may use the highlighter, colored pencil, or pen in the test booklet or on his/her scratch paper. The highlighter, colored pencil, or pen **must not** be used anywhere on the student's answer document. Answer documents submitted with highlighter, colored pencil, or pen will not scan properly and therefore cannot be scored.

Table 8. Grade 8 and EOC *Mathematics* Tests and Corresponding Formula Sheets

Test Name	Corresponding Paper Formula Sheet Title
Grade 8 <i>Mathematics</i> (2009)	Grade 8 <i>Mathematics</i> Formula Sheet 2009 Mathematics Standards of Learning
<i>Algebra I</i> (2009)	<i>Algebra I</i> Formula Sheet 2009 Mathematics Standards of Learning
<i>Geometry</i> (2009)	<i>Geometry</i> Formula Sheet 2009 Mathematics Standards of Learning
<i>Algebra II</i> (2009)	<i>Algebra II</i> Formula Sheet 2009 Mathematics Standards of Learning (This will be a folder-style document that includes the z-table.)
Grade 8 <i>Mathematics</i> (2001)	Grade 8 <i>Mathematics</i> Formula Sheet
<i>Algebra I</i> (2001)	<i>Algebra I</i> Formula Sheet
<i>Geometry</i> (2001)	<i>Geometry</i> Formula Sheet
<i>Algebra II</i> (2001 revised)	<i>Algebra II</i> Formula Sheet

Table 9 lists the state-approved calculators for SOL *Mathematics* and *Science* tests. The NOTES section highlights restrictions, operating system information, calculator preparation, and memory reset information. Calculators must be prepared following these guidelines prior to test administration.

Table 9. State Approved Calculators Guidelines and Preparation Instructions for Testing

Four-Function Calculator	Guidelines
Any model that meets the criteria listed.	A four-function calculator that adds, subtracts, multiplies, and divides is allowed. The calculator may have +/- key(s), a square root key, and a percent key; it may not have fraction capabilities. The calculator cannot provide information to a student through its display or formatting that may assist the student with content knowledge during testing.
Scientific Calculators	Guidelines
TI-30Xa Solar School Edition* CASIO FX-260 School *This calculator should have a <u>white</u> faceplate. A <u>yellow</u> faceplate edition is not approved for use during testing.	A scientific calculator with fraction capabilities is not allowed. The “TI-30Xa Solar School Edition” and the “Casio FX-260 School” are unique versions of those calculators that have fraction keys disabled.
Sharp EL-501W Series Sharp EL-501V Series Sharp EL-501X Series	A scientific calculator with fraction capabilities is not allowed. The Sharp EL-501W Series, EL-501V Series, and EL-501X Series calculators do not have fraction keys. The model numbers on these series of calculators may include additional letters that indicate the color of the calculator. For example, the Sharp EL-501W series includes EL-501WBBL. The annexed “BBL” indicates the color of the calculator is blue.
Graphing Calculators	Memory Reset and Operating System Information
CASIO 9750 G Series CASIO 9850 G Series CASIO 9860 G Series Casio PRIZM fx-CG10	<p>Prior to SOL testing, reset “Main Memory.” This deletes all random access memory (RAM), Archive Memory, data, and programs, and resets the calculator to the factory default.</p> <p>Resetting these calculators will result in the default angle setting of “radian.” This setting must NOT be changed while preparing the calculators for testing. Prior to the day of testing, students should be instructed on how to adjust the angle setting. If desired, students can adjust the angle setting after the testing session begins, but must do so without prompting or reminders from examiners and/or proctors.</p>
TI-82 TI-83	<p>Prior to SOL testing, reset “All Memory.” This erases all data and programs.</p> <p>Resetting these calculators will result in the default angle setting of “radian.” This setting must NOT be changed while preparing the calculators for testing. Prior to the day of testing, students should be instructed on how to adjust the angle setting. If desired, students can adjust the angle setting after the testing session begins, but must do so without prompting or reminders from examiners and/or proctors.</p>
TI-83 Series TI-84 Series TI-Nspire in TI-84 Plus mode	<p>Option 1:</p> <p>Prior to SOL testing, reset “All Memory.” This option deletes all data, programs, and applications (APPs) from the random access memory (RAM) and Archive (flash ROM), except for the Finance APP.</p> <p>Approved APPs will be deleted from the calculator when this option is utilized. This is not recommended if students were provided the approved APPs during instruction.</p>

Graphing Calculators	Memory Reset and Operating System Information
TI-83 Series TI-84 Series TI-Nspire in TI-84 Plus mode	<p>Option 2:</p> <p>Prior to SOL testing, reset “All RAM” (erases all data and programs) <u>and</u> reset the “Archive Vars” (erases all data and programs from Archive); <u>and</u> delete all APPs <u>except</u> the following:</p> <ul style="list-style-type: none"> – Polynomial Root Finder and Simultaneous Equation Solver APP; – Conic Graphing APP; – Inequality Graphing APP; and – Finance APP. The Finance APP is built in and cannot be deleted from the calculator. <p>Resetting these calculators will result in the default angle setting of “radian.” This setting must NOT be changed while preparing the calculators for testing. Prior to the day of testing, students should be instructed on how to adjust the angle setting. If desired, students can adjust the angle setting after the testing session begins, but must do so without prompting or reminders from examiners and/or proctors.</p>
TI-Nspire (non-CAS) TI-Nspire CX (non-CAS)	<p><u>Operating system prior to version 2.1.1:</u></p> <p>Prior to SOL testing, enable the Press-to-Test mode with all options disabled (keep all options checked). The Press-to-Test mode temporarily disables, rather than deletes, documents and some features including flash applications.</p> <p><u>Operating system between, and including, versions 2.1.1 and 3.1.x.xxx:</u></p> <p>Prior to SOL testing, enable the Press-to-Test mode and disable all options (keep all options checked) except for “Disable Inequality Graphing,” “Disable $\log_b x$ template and summation functions,” and “Disable Polynomial Root Finder and Simultaneous Equation Solver.”</p> <p><u>Operating system version 3.2 and higher:</u></p> <p>Prior to SOL testing, enable the Press-to-Test mode and disable all options (keep all options checked) except for “Disable Inequality Graphing,” “Disable Implicit Graphing, Conic Templates, Conic analysis and Geometric Conics,” “Disable $\log_b x$ template and summation functions,” and “Disable Polynomial Root Finder and Simultaneous Equation Solver.”</p> <p>It is recommended that the TI-Nspire operating system be updated for instruction and testing at: http://education.ti.com/calculators/downloads/US/Nspire-Update/Select-OS-Version-Nspire</p> <p>The outdated operating system 2.0.0.1188 should not be used for testing, as it does not meet the minimum recommended features in Press-to-Test mode needed for the SOL test.</p> <p>The Press-to-Test mode defaults to the angle setting of “degree.” This setting should NOT be changed when placing the TI-Nspire or TI-Nspire CX into Press-to-Test mode. Prior to testing, students should be familiar with using the calculator in Press-to-Test mode and how to adjust the angle setting. If desired, students can adjust the angle setting after the testing session begins, but must do so without prompting or reminders from examiners and/or proctors.</p>

Graphing Calculators	Memory Reset and Operating System Information
TI-73 Explorer	<p>Prior to SOL testing, reset “All RAM” (erases all data and programs) <u>and</u> delete <u>all</u> APPs.</p> <p>The following APPs (which are approved for use on SOL tests) are not available for the TI-73 Explorer: Polynomial Root Finder and Simultaneous Equation Solver; Conic Graphing; and Inequality Graphing.</p> <p>This calculator does NOT have all of the functionality of other approved graphing calculators. The TI-73 Explorer calculator is NOT recommended for use on the Algebra II (2009) SOL test.</p> <p>Resetting this calculator will result in the default angle setting of “degree.” This setting must NOT be changed while preparing the calculators for testing. Prior to the day of testing, students should be instructed on how to adjust the angle setting. If desired, students can adjust the angle setting after the testing session begins, but must do so without prompting or reminders from examiners and/or proctors.</p>

Calculators for students with blindness or visual impairments

- Students with blindness or visual impairments frequently need calculators with large keys, buttons, displays, and/or talking capabilities. Calculators with these accessibility features are allowed on the SOL *Mathematics* tests for students with blindness or visual impairments, as long as they have the same mathematical functions as approved calculators (refer to Table 9 and the Hand-Held Calculator Guidelines below). The use of calculators with accessibility features does not require the submission of a *Special Assessment Accommodation Request* form.
- Students using a calculator with talking capabilities must be tested individually or with earphones so that other students are not disturbed by the calculator’s audio feature.

Hand-Held Calculator Guidelines

The guidelines outlined below should be followed when addressing calculator use on the SOL Grades 4-8 and EOC *Mathematics* tests and the Grades 5, 8, and EOC *Science* tests:

- Students may only use one hand-held state-approved calculator during a test and are allowed to use only one model of a calculator.
- Divisions wishing to use calculators which are not on the state-approved list must receive prior approval from the Virginia Department of Education.
- All calculators must be reset/prepared as described in Table 9 prior to each test session. If a student is moved to an alternate test site, he/she may continue to use the original calculator issued for the test. However, if the student is issued a different calculator, it must be reset/prepared as described in Table 9 prior to being issued to the student.
- If the calculator provides a language option for the display, English must be selected.
- The calculator cannot provide information to a student through its display or formatting that may assist the student with content knowledge during testing.
- Students should be familiar with the calculator they are to use. The SOL test administration should not be the first time a student uses an approved calculator.
- Either a school-owned or student-owned calculator may be used on the test.
- Non state-approved materials that provide information on calculator use or course content may not be used or attached to or included with the calculator or its case. Such materials include but are not limited to formula cards, calculator instruction sheets/manuals, note cards, etc.
- A graphing calculator with an algebraic Operating System is not allowed.
- A QWERTY keyboard may not be used.

4.16.1 Materials needed for accommodations

- As appropriate, provide students any needed materials or equipment required for accommodations. Refer to Appendices C and D for guidelines.
- Refer to Section 4.15 for additional information regarding accommodations.

4.17 Preparing for Paper Testing

Refer to the *Supplement to the Writing and Non-Writing Test Implementation Manuals* for the specific information regarding the:

- Ordering paper testing material
- Deliveries of non-secure materials
- Deliveries of secure materials
- Registering students for testing
- Management of answer documents

4.18 Audits

If your division is selected for an audit, the DDOT will be contacted by the Virginia Department of Education.

5. SPECIFIC DUTIES OF THE DDOT/STC: DURING TESTING**5.1 Maintain a Contingency Plan**

Be prepared to coordinate and monitor adjustments in each school's testing schedule if inclement weather or other unforeseen events threaten or force school closures, network interruption, etc.

☒ If school openings are delayed or early dismissal is possible/likely:

- Do not begin testing unless you are confident that all scheduled testing sessions can be completed within the anticipated school day.
- If testing has already begun and school is dismissed during a testing session, the DDOT should contact the student assessment staff of the Virginia Department of Education immediately.
- If you are unsure whether a scheduled testing session can be completed, the best course of action would be to postpone the session. Students who begin a test and cannot complete it will need to retest with an alternate form. Retesting must be approved by the Virginia Department of Education.

☒ If schools are closed:

- The DDOT should notify the student assessment staff of the Virginia Department of Education. Be sure to advise to the best of your knowledge when schools will re-open.
- If possible, reschedule the test administration within your existing window. If the number of missed days necessitates a change in your testing window, notify the student assessment staff of the Virginia Department of Education.

If the division has additional questions regarding these procedures, the DDOT should call the student assessment staff of the Virginia Department of Education.

5.2 Coordinate the School's Administration of the Paper Assessments

Refer to the *Supplement to the Writing and Non-Writing Test Implementation Manuals* for the specific information regarding the STC's coordination of the school's administration of the paper SOL tests for:

- Preparing materials for test Examiners, and
- Checking-out test materials

5.2.1 STC conducts check-out of secure test materials to Examiners

STC ☒ Check out the SOL *Non-Writing* tests booklets to Examiners. You may use the *Test Booklets/Prompts Transmittal Form and Affidavit for Examiners/Proctors* or the *Special Test Forms/Kits Transmittal Form for Examiners/Proctors* (located in the Appendix of the *Supplement to the Writing and Non-Writing Test Implementation Manuals*) to assist with the

distribution and collection of test booklets from the Examiners.

- ☑ Review a sample of the *Assembly ID Sheet* (Appendix of *Supplement*) that will be included in the packages of test booklets. An *Assembly ID Sheet* shows a unique package number and identifies the form number of the test booklets contained in that package.
- ☑ Remind Examiners that upon opening a package, **but before distributing its contents to students**, they must count the number of test booklets contained in the package and complete the package's *Assembly ID Sheet*, checking off the applicable statement.

If an Examiner must open more than one package of test booklets, the *Assembly ID Sheet* in each package must be completed. Examiners must return all *Assembly ID Sheets* to you, along with all test booklets, immediately after the testing session has concluded.
- ☑ If necessary, you may break packages of test booklets in order to distribute them more efficiently to the Examiners. Photocopy the package *Assembly ID Sheet* and write the new quantity of test booklets on the copy. Each divided set must have an *Assembly ID Sheet*.
- ☑ Maintain the security of the test booklets at all times.
- ☑ Remind Examiners to keep test booklets in packaging order when distributing to students.
- ☑ Ensure that each Examiner has the following test materials:
 - *Supplement to the Examiner's Manual* (contains the paper test directions)
 - 2015–2016 *Examiner's Manual*
 - Multiple-choice test booklets
 - Answer documents
 - Supply of scratch paper
 - Appropriate ancillary materials and manipulatives
 - "TESTING IN PROGRESS: DO NOT DISTURB" sign, if available

5.2.2 Check-in paper test materials at the end of each testing session

The *Examiner's Manual* instructs Examiners to return test materials to the STC as soon as the test session is completed or to store the materials until the end of the school day in a secure location that is inaccessible to students.

All test materials must be returned to the STC and checked in no later than the end of the school day.

- STC**
- ☑ Ensure that all test materials are returned to you no later than the end of the test administration day.
 - ☑ When the test materials are returned, verify the receipt of all materials using the information in Section 6.1, Receive All Testing Materials from Examiners.
 - ☑ You may count the test booklets and initial the *Test Booklets/Prompts Transmittal Form and Affidavit for Examiners/Proctors* or the *Special Test Forms/Kits Transmittal Form for Examiners/Proctors* (located in the Appendix of the *Supplement to the Test Implementation Manual*) or another such form to verify that all test booklets and answer documents have been returned. Immediately report any missing test booklets to the DDOT. Missing testing materials must be documented in TIWAS or on the *Test Irregularity Form* in Appendix E.
 - ☑ Check in materials used for recording test sessions. You may use the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions* located in Appendix B).
 - ☑ Verify that all answer documents have been returned.

5.3 Coordinate the School's Administration of the Online Assessments

Prior to administering online tests, the DDOT and STCs should refer to the *PearsonAccess User's Guide for the Virginia Assessment Program* for instructions on how to use PearsonAccess with the Virginia Assessment Program.

- ☑ On the day of testing, distribute all materials necessary to administer the online SOL tests.

- STC** ☒ For each test session, Examiners/Proctors should be provided with the following test materials:
- 2015–2016 *Examiner’s Manual* for grade-level and subject area tests
 - Student Authorization Tickets (you may use the *Test Ticket Transmittal Form and Affidavit for Examiners/Proctors* to assist with the distribution and collection of test tickets from the Examiners)
 - Examiner Authorization ticket (if read-aloud session)
 - Seal Codes (Grade 3, 4, and 5 *Reading*, Grades 4 and 5 *Mathematics*)
 - Test Session Roster (optional)
 - “TESTING IN PROGRESS: DO NOT DISTURB” sign, if available
 - Appropriate ancillary materials and manipulatives

5.3.1 Monitor online test sessions

- STC** ☒ Test sessions must only be started on the day of testing. You may view the status of each test session for students through the online system Session Details screen. The *Status* on the screen is color-coded. After each student’s name, the student’s real-time test status is indicated based on one of the descriptions in the following chart. Refer to the *PearsonAccess User’s Guide for the Virginia Assessment Program* for directions on Viewing or Maintaining Existing Sessions.

Student’s Real-Time Test Status

Color Codes	Test Status Description
Black (Ready)	The student is ready to log into the test once the session is started.
Green (Active)	The student is currently testing or the test was not successfully exited due to a loss of network connection, loss of power, computer froze, etc.
Orange (Exited)	The student successfully exited from the test or TestNav detected that another application was trying to take control so the early warning system exited the student from the test. The student needs to be resumed before logging back into the test.
Purple (Resumed)	The student was successfully exited from the test and has been authorized to resume the test. The student will return to the same item on the test prior to being exited.
Purple (Resumed-Upload)	The student was in active status and was not successfully exited from the test due to loss of network connection, loss of power, computer froze, etc. The student was resumed in order to continue testing. Upon log in, TestNav will search for a Student Response File.
Red (Completed)	The test was submitted successfully.
Red (Marked Complete)	The test was marked complete and submitted for scoring in PearsonAccess. NOTE: Click on the Marked Complete icon to view the reason why the test was marked complete.

Be sure to click the *Refresh* link frequently while viewing sessions. This button will update the students’ *Status*.

As students begin to log in and start the test, the student *Status* will turn green. As students submit their test, the student *Status* will turn red; a “red” status cannot be restarted. If a student exits TestNav (either inadvertently or intentionally) before completing the test, the student *Status* will turn orange.

- ☒ Students may not leave the testing site and subsequently return to finish the test unless their absence from the site is closely monitored to prevent interaction with other students and/or access to educational materials. Refer to Section 5.4.3 for details about student breaks.

- ☑ If students are moved to an alternate testing site to complete their tests, the students should be instructed to EXIT the test. The Student Authorization Tickets (test tickets) must be collected by the Examiner or Proctor prior to the move. Students must not be permitted to discuss the test or course content in any way with anyone or have access to any educational materials, cell phones, or other electronic devices during the move. Once in the alternate site, return each student's own materials and resume testing. Be sure that the alternate computers to be used during testing meet the minimum requirements as stated in the *TestNav 7 Technology Guidelines: Configuring Your Test Delivery Environment for Virginia*, available in PearsonAccess at:

www.pearsonaccess.com/va



IMPORTANT: If students must be moved to an alternate location to complete their tests, their online test must be Exited prior to being moved to the new location. Before the student can log in (using the same Student Authorization Ticket) to complete his/her test, the student's test must be Resumed in Test Session Management. (See the PearsonAccess User's Guide for the Virginia Assessment Program.)

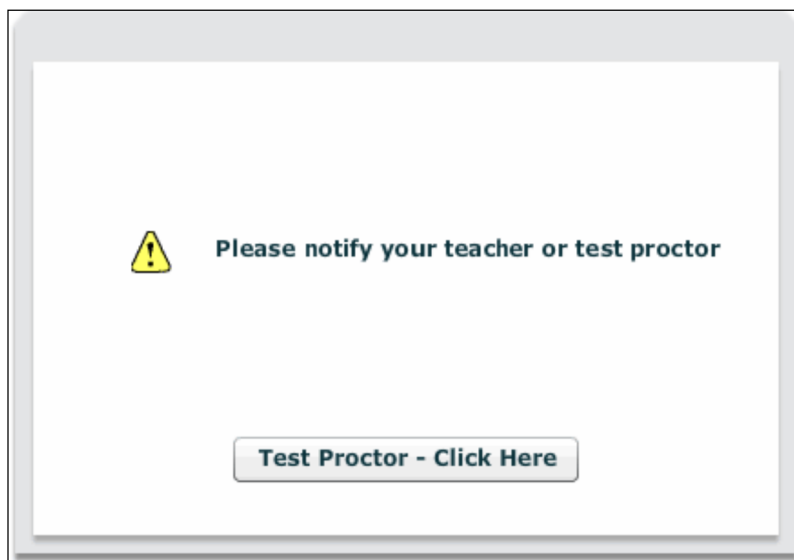
- STC** ☑ **All online test sessions must be stopped by the end of the school day.** In order to do so, all students must show a "Completed" (red) status on the *Session Details* screen. Any students with a "Not Started," "Exited," or "Resume" status must be removed/moved to a not-started make-up or irregularity session before stopping the test session.
- ☑ **Online read-aloud sessions should never be left in Started status overnight in PearsonAccess.** Additionally, if the read-aloud test is being administered over two days (as with the Grades 3, 4, and 5 *Mathematics* and *Reading* tests) all students must be exited from the test after closing section 1 or at the stop sign screen as appropriate (Grade 3 *Mathematics* CAT does not have a seal code), and moved to a new, not started read-aloud session. The original session should be stopped. New test tickets and seal code must be printed for the new sessions. Start the session and resume the students' test on the day of testing.

5.3.2 Early Warning System

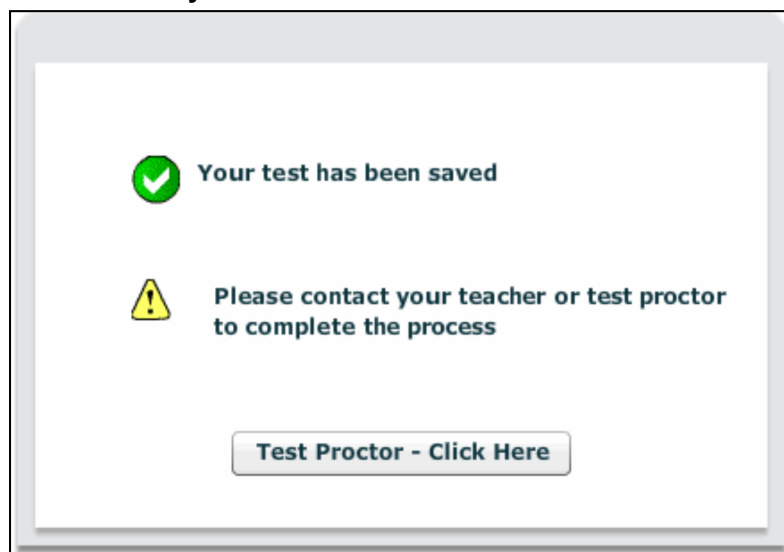
The TestNav Early Warning System (EWS) is designed to save the student responses locally in the event of a network interruption. EWS saves a student's responses (on the student's computer) to an encrypted backup file. The student can either continue testing or exit the system without losing response data. This activity occurs in the background of the test delivery software while the software continues to provide test questions to the student.

The Session Details screen contains a Status field that allows an administrator to view when a student is in "Active," "Exited," or "Completed" status. However, if a student loses connection to the Internet, TestNav cannot communicate with Manage Test Sessions. Therefore, the student will remain as "Active" in the Status field.

The Early Warning System automatically displays a notification screen whenever the connection to the testing server is interrupted or when the system detects a potential problem with the designated response file save locations. The first screen displayed will always be one of two "notify" screens that prompt the student to notify the teacher or test proctor. (See Notify Screen A and Notify Screen B.)

Notify Screen A—Notify Your Teacher or Test Proctor

Screen A appears if: (1) TestNav determines that neither of the Early Warning System “save locations” is valid, or (2) TestNav is unable to download a portion of a test.


Notify Screen B—Your Test Has Been Saved

Screen B appears if TestNav is unable to upload student responses. The screen appears only when a student attempts to submit or exit a test; it will not interrupt a test in progress.


- ☑ If a student receives the EWS notification via Screen A or Screen B, he or she should follow these procedures:
 - The student notifies the teacher (Examiner) or Test Proctor as instructed on the screen.
 - The Examiner/Proctor clicks **Test Proctor - Click Here** to view a screen that explains the problem and lists the recommended action. Depending on the specific condition that triggered the notification screen, EWS will display one of several potential explanation screens.
- ☑ For more information regarding the Early Warning System, please refer to the *TestNav 7 Early Warning System User Guide* located on the Support page within PearsonAccess. For technical support, please contact the Pearson Support Center.



5.3.3 Troubleshooting

Below are some frequently encountered scenarios during testing and suggestions to help resolve the issues:

- **Student requires an audio test but there is no audio:** Audio tests will begin to play the audio-track at the first question (not the sample), where an audio control box will appear at the lower right of the student's monitor. If the Examiners notice the audio control box does not appear, they have been instructed to contact their STC immediately, and to not permit the student to continue testing. The STC or Examiner should verify the form assigned to the student using the **Test Session Details** screen in PearsonAccess. Scroll down to the student's name and look at the form assigned to the student (in the **Form/Form Group Type** column). The first number of an audio form is a "9," for example H9039. In addition, the icon  will appear next to the form number of students assigned an audio test. If the form assigned to the student is not an audio form, the STC or Examiner should have the student **EXIT** the test but keep the student seated at his/her workstation and contact the DDOT, who should immediately contact VDOE. In most cases, VDOE can change the student's form to the correct audio form while the student waits in the test room. DO NOT mark the test complete or have the student *Submit* the test.

If the audio control box appears but no audio can be heard, the Examiner should have the student **EXIT** the test and check the computer's audio control settings to make sure the computer is not set to MUTE, and that the headphones are functioning properly.

- **Student should not have an audio test, but the audio is playing, or the audio box appeared at the first test question:** Examiners have been instructed to contact their STC immediately and to not permit the student to continue testing. The STC or Examiner should have the student **EXIT** the test but keep the student seated at the work station and immediately contact the DDOT, who should immediately contact VDOE. In most cases, VDOE can change the student's form to the correct non-audio form while the student waits in the test room.
- **Shading is not visible on the test questions:** Some test questions refer to the "shaded section" of a map, graph, chart, etc. If the shading is not apparent to the student, the Examiner has been instructed to adjust the contrast setting on the student's monitor until the shading is visible. If this adjustment does not resolve the problem, the Examiner has been instructed to contact the STC.
- **The student completed a question but the *Next* button does not appear (CAT only):**
 - The Student may have attempted to answer the question using a "tool" other than the Pointer. The Pointer must be used to:
 - 1) select multiple-choice answers;
 - 2) place the cursor in a box in order to type an answer;
 - 3) plot points on a line, graph, or image;
 - 4) select one or more answers; or
 - 5) select and drag answers from one location to another. The Examiner/Proctor may remind the student that **"The Pointer  must be used to answer the question."**
 - OR**
 - The student may not have met all the requirements of the test question. For example, if a test item requires the student to select and drag 3 items to answer boxes, the *Next* button will not appear if the student places only 1 or 2 items into the answer boxes. The *Next* button will only appear after the student places 3 items into the answer boxes. The Examiner/Proctor may tell the student to **"Read the screen carefully."**

- **The Review Screen indicates a question is “Unanswered” when the student is confident he/she answered the question:**
 - The Student may have attempted to answer the question using a “tool” other than the Pointer. The Pointer must be used to:
 - 1) select multiple-choice answers;
 - 2) place the cursor in a box in order to type an answer;
 - 3) plot points on a line, graph, or graphic;
 - 4) select one or more answers; or
 - 5) select and drag answers from one location to another. The Examiner/Proctor may remind the student that **“The Pointer  must be used to answer the question.”**
 - OR**
 - The student may not have met all the requirements of the test question. For example, if a test item requires the student to select and drag 3 items to answer boxes, the *Next* button will not appear if the student places only 1 or 2 items into the answer boxes. The *Next* button will only appear after the student places 3 items into the answer boxes. The Examiner/Proctor may tell the student to **“Read the screen carefully.”**
- **Student is trying to use the Choice Eliminator tool  on a TEI question and it is not working:** Refer to Appendix G for online tool descriptions. The student may be told that the Choice Eliminator tool only functions with multiple-choice questions; it does not function on TEI questions.
- **Student has difficulty entering a specific symbol or character into a TEI answer box:** If the student asks the Examiner/Proctor which key to use for a specific symbol or character, the Examiner/Proctor may tell the student which keys to press and may point to the keys. For example, the student asks the Examiner, “How do I make a minus sign?” The Examiner may say, **“Use the hyphen key.”** Other examples include:

To make a colon, **“Hold the shift key down and then press the colon key.”**

To make a fraction, **“Use the forward slash key.”**

To make a plus sign, **“Hold the shift key down and then press the plus key.”**

To make a decimal, **“Use the period.”**

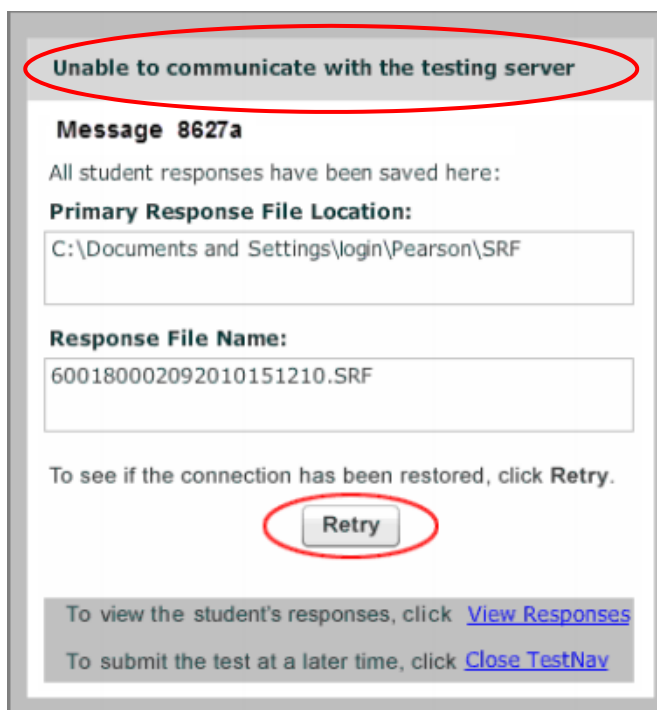
The Examiner/Proctor may only respond to the student’s request for “how” to enter a specific symbol. The Examiner/Proctor may not prompt the student to enter a specific symbol or tell a student what symbol is needed in the answer to a specific question.
- **Student cannot enter a specific “character” into a TEI answer box:** The Examiner/Proctor should look to see if the “Caps Lock” key is active on the student’s keyboard. If it is, the Examiner/Proctor may tell the student, **“Try pressing the ‘CAPS LOCK’ key on your keyboard.”**

If the student is still having difficulty, the Examiner/Proctor may re-read the testing directions from the Examiner’s manual verbatim to the student, **“Make sure the CAPS LOCK key is not on if you are trying to enter a lowercase letter in the answer box. If a letter, number, or symbol does not appear in the answer box after you’ve tried to enter it, then you cannot use it in your answer.”**

If the student is still having difficulty, it may be that the student misunderstands the question or does not know how to resolve the question. In these cases the Examiner/Proctor may only say, **“Read the question carefully.”**
- **The student got “locked” out of Part 1 of a Grade 3, 4 or 5 Reading or a Grade 4 or 5 Mathematics test and needs to finish Part 1:** As long as the student has remained in a secure locations (has not had any opportunity to discuss the test in anyway, has not had access to any educational materials or electronic devices, has not been given a calculator (as in the case of a Grade 4 and 5 Mathematics test), and has not entered Part 2 of the test (by entering the seal code in the box), the STC or Examiner should have the student **EXIT** the test but keep the student at his/her workstation and immediately contact the

DDOT. The DDOT should immediately contact VDOE, who, in most cases, can “unlock” the student’s test so he/she can log back into the test and go back to Part 1.

- **The student submitted the test prematurely:** If the student accidentally submitted his/her test and wants to return to it and has not left the test room, the Examiner/Proctor has been instructed to keep the student in the test room seated at his/her workstation and to contact the STC immediately. The STC immediately contacts the DDOT who immediately contacts VDOE. In most cases, VDOE can “unsubmit” the student’s test so the student can log back into the test.
- **The student was attempting to Exit or Submit the test, but an error message, “Message 8627a,” appeared with a *Retry* button and an indication that the student’s workstation is “Unable to communicate with the testing server.”**



This message appears when the student attempts to Exit or Submit the test, but connectivity between the student’s workstation and the Pearson testing server has been interrupted. Not all student responses were saved on the Pearson server, but as the message indicates, the student responses have been saved locally (e.g., to a workstation drive or network drive) so that they can be uploaded to the Pearson server when connectivity has been restored.

The Examiner should notify the STC immediately. Generally, if the message appears:

- on a single or a few workstations, the workstation connectivity should be checked to ensure the workstation(s) can communicate to the Pearson server.
- throughout the school or division, the local network and connectivity to the Internet should be checked to ensure the workstations can communicate to the Pearson server.
- divisionwide, it may be due to a problem at Pearson or with TestNav.

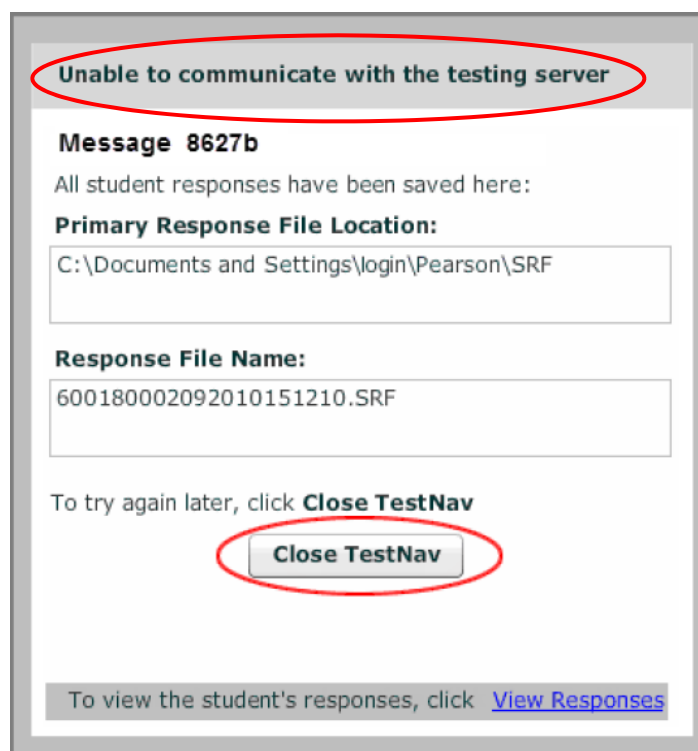
If the student **has completed** the test and the message appeared when the student tried to Submit the test:

- Have the student select the *Retry* button after a short time (about a minute). If connectivity is restored, the test will Submit.
- If the message remains, make a note of the exact workstation the student was using and select the **Close TestNav** link.

- The student(s) may now be sent back to class. It is not necessary to hold students in the classroom until connectivity is restored.
- The STC must notify the DDOT who must notify VDOE. VDOE will provide directions for submitting the students' tests once connectivity is restored.

If the student **has not completed** the test and the message appeared when the student tried to Exit the test:

- Connectivity must be restored before the student can continue testing.
- Select the *Retry* button after a short time (about a minute). If connectivity is restored, the test will Exit.
- If the message remains, the STC should notify the DDOT. The DDOT may need to contact VDOE for next steps.
 - If the message remains and the student is taking a *Mathematics* CAT, the STC should contact the DDOT who should contact VDOE for guidance.
- **Student was testing and an error message, "Message 8627b," appeared with a *Close TestNav* button and an indication that the student's workstation is "Unable to communicate with the testing server."**



This message appears when some portion of the online test cannot be downloaded to the student's workstation because connectivity between the student's workstation and the Pearson testing server has been interrupted. The student responses have been saved locally (e.g., to a workstation drive or network drive), but the student cannot continue testing at the moment because some part of the online test cannot be displayed on the workstation.

The Examiner should notify the STC immediately. Generally, if the message appears:

- on a single or a few workstations, the workstation connectivity should be checked to ensure the workstation(s) can communicate to the Pearson server.
- throughout the school or division, the local network and connectivity to the Internet should be checked to ensure the workstations can communicate to the Pearson server.
- divisionwide, it may be due to a problem at Pearson or with TestNav.

Because the workstation displaying “**Message 8627b**” cannot communicate with the Pearson server, TestNav must be closed on the workstation and connectivity must be restored before the student can continue testing. To proceed,

- Select the *Close TestNav* button and make a note of the exact workstation the student was using.
- If possible, to avoid having to retest the student, maintain secure test conditions among the students while connectivity is being restored. Consult with your STC regarding how long you should wait for connectivity to be restored before discontinuing the testing session.
NOTE: If the student is taking the *Mathematics* CAT, the length of time you will need to wait before discontinuing the session may be shorter. If connectivity is lost during the administration of a CAT, the STC should contact the DDOT, who should contact VDOE for guidance.
- Once connectivity is restored to the student’s workstation, the STC must Resume the student’s test in PearsonAccess before the student can log in to the test again.
- The STC should notify the DDOT. The DDOT may need to contact VDOE for next steps.

5.4 During Test Administration

5.4.1 Monitoring the test administration

- DDOT** ☒ Ensure that all secure materials are being handled properly by both STCs and Examiners. Be available to STCs for questions and problem resolution during the test administration.
- STC** ☒ Monitor the administration of testing in the school.
- ☒ Be actively involved in test administration by carefully supervising the procedures described in this manual and the *Examiner’s Manual*.
- ☒ Be available to answer questions and resolve problems as they arise.
- DDOT/STC** The DDOT and STC must be aware of the following requirements for Examiners and Proctors to observe while monitoring the students during testing.
- ☒ Once students and the test Examiner/Proctor enter the testing room, all instruction and/or review of the content covered by the test or discussion of testing strategies must stop. During the test administration, Examiners/Proctors must monitor the testing process by moving as unobtrusively as possible about the room. Examiners/Proctors must not engage in other activities that would interfere with monitoring. Such activities include but are not limited to reading, grading papers, using electronic devices, etc. Students may not be left unattended for any length of time.
 - ☒ Examiners/Proctors should ensure that students are working independently and do not have access to unauthorized materials, cell phones, or any other electronic devices in the testing room while any students are testing. Immediately notify the STC if a student accessed or had access to a cell phone, electronic device, or other unauthorized material that could provide an unfair advantage while any students were testing. **If the student is testing at the time of the discovery of the cell phone, electronic device, or unauthorized material, the student must not be permitted to continue testing. The test must be placed in *Exited* status and moved to an irregularity session.** The STC must submit an irregularity to the DDOT providing the details about the incident. The student may not retest until the division receives a response to the irregularity from the Virginia Department of Education.
 - ☒ Examiners/Proctors must immediately notify the STC if a student is **found cheating on the test. If the student is testing at the time of the discovery of cheating, the student must not be permitted to continue testing. The test must be placed in *Exited* status and moved to an irregularity session.** The STC must submit an irregularity to the DDOT providing the details about the incident. If the school division makes the determination that a student cheated, the student is not eligible for a retest during the current administration. If the test was an EOC SOL test, the student may retest during the next regularly scheduled administration.

The STC/DDOT must invalidate the test and the student will receive a score of “0.” The student’s test record will note the student cheated on the test.

- ☑ Help must not be given on test items. Examples of prohibited help include but are not limited to: pronouncing words, rewording the question, providing hints and clues, giving reminders, giving verbal indications or non-verbal cues about the correctness of a student’s answer. Examiners/Proctors must not direct or remind students to use any specific method or strategy during testing. Test questions or portions of the question may not be read to students unless specified by their IEPs, 504 Plans, or LEP Student Assessment Participation Plans. If, after testing is complete, a student asks to discuss a question, the Examiner, Proctor, or teacher should remind the student that the test questions cannot be discussed.
- ☑ Before, during, or after testing, Examiners/Proctors must not spend time reading any test items, creating any type of answer key to the test items, grading student responses, copying test items or portions of test items, taking notes about test items, recording student responses to test items, or discussing test items with anyone. (Examiners/Proctors may report a problem with a test item to their STC. See Section 5.4.6.) Refer to the *School Division Personnel Test Security Agreement* in Appendix A.
- ☑ Students may not leave the testing site and subsequently return to finish the test unless they are closely monitored. Students may not discuss the test or any test items with anyone. Students must not be allowed to interact with each other or any other students in any way, or have access to any educational materials or electronic devices. Each test is to be completed in one school day. Refer to Section 5.4.3 for details about student breaks.
- ☑ If students are moved to an alternate testing site to complete their tests, their testing materials must be collected by the Examiner or Proctor prior to the move. Students must not be permitted to discuss the test or course content in any way with anyone or have access to any educational materials, cell phones, or other electronic devices during the move. Once in the alternate site, return each student’s own materials and resume testing.
- ☑ Examiners/Proctors must not prompt the student to go back to any specific questions such as any marked *Answered*, left *Unanswered*, or *Flagged for Review*. If an Examiner/Proctor notices the student left questions unanswered or flagged for review, the Examiner/Proctor may only tell the student, **“Read the screen carefully.”**
- ☑ Examiners/Proctors for online tests must not navigate any portion of the online test for the student. This includes but is not limited to: moving within a question or between questions; moving from the Review screen to questions marked *Answered*, *Unanswered*, or *Flagged for Review*; exiting or submitting the test.

If a student needs assistance navigating the online test, the Examiner/Proctor may provide directions to the student, such as:

“To move to the next question, click *Next*.”

“To go back to previous question, click *Previous*.”

“To see the rest of the passage, use the scroll bar.”

“To see the next page of the passage, use the page button.”

“To go back to a question from the Section Review screen, click on the question’s number.”

“To submit your test, click the *Submit the test* button.”

- ☑ If a student’s calculator malfunctions or stops working, the Examiner/Proctor may replace it with another approved calculator for this test. The calculator must be reset/prepared as described in Table 9, Section 4.16, prior to being issued to the student.
- ☑ Examiners/Proctors for paper testing should check that students are only using a No. 2 Pencil to mark the answer document.
- ☑ Examiners/Proctors for paper testing must not direct students to circle answer choices in their test booklets first and then transfer their answers to their answer documents. Only students with the mark-in-test booklet accommodation may not be issued an answer document and be directed to circle their answers in their test booklet.
- ☑ If during a paper test a student needs assistance with the mechanics of selecting a


response, the Examiner/Proctor may provide directions to the student, such as: **“Fill in the circle on your answer document for the letter you have chosen.”**

- ☑ Examiners/Proctors for paper tests must not prompt the student to go back to any specific questions, such as any left *unanswered* or questions *multiple-marked*.
 - If an Examiner/Proctor notices the student left any questions *unanswered* or *multiple-marked*, the Examiner/Proctor may tell all the students in the room, **“Review your answer document carefully.”**
 - Grades 3-5 and *Virginia Studies* SOL Tests:
 “Limited assistance” may be provided to students during the section breaks on the Grades 3, 4, and 5 *Reading* tests, Grades 3, 4, and 5 *Mathematics* tests, and during test submission on all grades 3, 4, and 5 and the *Virginia Studies* SOL tests. Examiners/Proctors must use the SAY directions provided in the *Supplements* to the *Examiner’s Manuals* when providing the “limited assistance.”
 - Grades 6-8, *Civics & Economics*, and all EOC SOL tests:
 If an Examiner/Proctor notices the student left any questions *unanswered* or *multiple-marked*, the Examiner/Proctor may tell all the students in the room, **“Review your answer document carefully.”**
 - Once the student’s answer document has been collected it may not be returned to the student.

5.4.2 Answering student questions

Below are some frequently asked student questions and guidance on how to answer them.

- **Questions about test items.** If a student asks a question about a test item during the test, the student should be told, **“Read it carefully and choose the best answer.”** Help must not be given on specific test items and no clues should be given about the correctness of a student’s answer to a particular item. If in doubt, it is better to say that you cannot respond to the student’s question rather than risk violating standard procedures. Test questions may **not** be read to students unless specified by their IEPs, 504 Plans, or LEP Student Assessment Participation Plans. If, after testing is complete, a student asks to discuss a question, the Examiner, Proctor, or teacher should remind the student that the test questions cannot be discussed.
- **Questions about mechanics/navigating.** Examiners or Proctors may answer students’ questions about the mechanics of testing, such as how to navigate to the: next question, previous question, section review screen, test overview screen, and exit/submit screen.

 Unless specified as an accommodation, the Examiner/Proctor must not navigate the test for the student.
- **Questions about TestNav tools.** If a student needs assistance with a TestNav tool, the student may be told, **“Refer to the help [life preserver]  icon on the toolbar for help with a tool.”**

5.4.3 Allowing student breaks during testing

The SOL tests are untimed, and ample time should be allotted for all students to complete the test prior to the end of the scheduled school day. To minimize interruptions during testing, make sure that all students have had an opportunity to visit the restroom and to get a drink of water before beginning the testing session. A break is permissible for any student who requires one during testing. Students who are still testing by lunch time may be given a lunch break. All breaks must be supervised, and test security must be maintained at all times during the break. The student must not be allowed to discuss the test or course content in any way with anyone. The student must not have access to any educational materials or electronic devices during the break, and must not disrupt other students who are continuing to test. The student’s test materials must not be accessible or viewable to other students. Student breaks must not be planned unless the

accommodation is stipulated in the student's IEP, 504 Plan, or LEP Student Assessment Participation Plan.

5.4.4 Identifying and resolving testing irregularities

A testing irregularity is any occurrence during a test administration that meets one or more of the following criteria:

- inappropriately influences student performance
- inappropriately influences the reporting of student performance
- constitutes a breach in test security
- results in the improper implementation of mandatory student testing

Test Examiners are directed to report any testing irregularity to the designated STC immediately, and STCs are directed to report testing irregularities to the DDOT within 24 hours of their occurrence. While some irregularities may be resolved locally by the DDOT, most irregularities are forwarded within 24 hours by the DDOT to the Virginia Department of Education (VDOE) for review and guidance.

DDOTs are required to report certain irregularities to VDOE. All situations that involve the retesting of students, compromised testing procedures or policies, or student test record exclusions must be reported to VDOE. In some cases testing irregularities are reported to VDOE by concerned individuals, some of whom wish to remain anonymous, through means other than the normal reporting structure.

Examples of testing irregularities include but are not limited to:

- while testing, a student becomes ill or leaves the testing room unescorted;
- during testing, a student accesses or has access to a cell phone or other electronic device, notes, study guide, etc.;
- during testing, a student is observed cheating;
- while testing students are interrupted by PA announcements, alarm system, or drills;
- an Examiner, Proctor, or teacher, or other person provides improper assistance to a student;
- anyone who has not signed the *School Personnel Test Security Agreement* enters the testing room while secure test materials are exposed;
- testing accommodations specified in a student's IEP, 504 Plan, or LEP Student Assessment Participation Plan are not provided;
- a student is provided an accommodation that is not specified in her/his IEP, 504 Plan, or LEP Student Assessment Participation Plan;
- a student is provided an inappropriate manipulative for the test;
- a student's test booklet or used answer document is missing; and
- any unused/unassigned test ticket or test booklet is missing.

- ☑ All testing irregularities must be reported using the Testing Irregularities Web Application System (TIWAS) and as directed by the DDOT. The *User's Guide for the Testing Irregularities Web Application System (TIWAS)* will provide step-by-step instructions for accessing TIWAS to report the division's testing irregularities. The *User's Guide* is located at:

www.doe.virginia.gov/testing/test_administration/#irregularities

This Web site also has information for training purposes, including a PowerPoint presentation that provides an overview of the system.

- ☑ TIWAS can be accessed through the Single Sign-on for Web Systems (SSWS) application provided by the Virginia Department of Education. The Web address for the training site for SSWS is as follows:

<https://p1pe.doe.virginia.gov/ssws/login.page.do>

- ☑ Access to TIWAS must be given to the DDOT, STC, and any other appropriate personnel by the Account Manager in your division for the SSWS as directed by the DDOT. You may already have access to the SSWS for other applications and will need the Account Manager to add Testing Irregularities as an available application.

- ☑ DDOTs may have the STCs enter irregularities directly into TIWAS or may have them document incident(s) on the *Test Irregularity Form* in Appendix E of this manual. All testing irregularities should be submitted to the DDOT within 24 hours of occurrence.
- ☑ If irregularities are reported to the DDOT on the *Test Irregularity Form*, the DDOT or designee will be responsible for entering them into TIWAS.

5.4.5 Setting up irregularity sessions for online testing

- DDOT** ☑ Irregularity sessions may be created before online testing begins for each **subject**, not group, (for example, *Algebra I* irregularities) at each school. If a student is unable to complete his/her SOL test after he/she begins, have the student **Exit** from TestNav. **Do not have the student click the *Submit* button; this will submit his/her test for scoring.**
- DDOT** ☑ Once the student has exited TestNav, move that student in the online system from that session to the Irregularities session.

NOTE: The Irregularities session should **never be started**, nor should Student Authorization Tickets ever be generated until directed to do so by the Virginia Department of Education.

5.4.6 Reporting problems/errors on SOL tests

If during a testing session, a student reports that a test question and/or answer choice contains an error, the Examiner or Proctor has been instructed to record the name of the student, subject area test, level, question number, and a brief statement describing the student's concern. However, under no circumstances are Examiners/Proctors to write down the test question or answer or discuss it with the student or with other staff members. The student should be told that the concerns will be reported. The student may continue with the test, and the Examiner/Proctor may tell the student to, **"Read the question carefully and choose the best answer."** The Examiner/Proctor is to notify the STC of the student's concern, and the STC will, in turn, contact the DDOT. The STC should provide the form number the student used in the report to the DDOT. Do not communicate information related to the test questions and/or answer choices through electronic mail or in any other manner that will jeopardize the security of the test item.

- ☑ Only the DDOT should notify the assessment staff at the Virginia Department of Education of any reported errors or concerns by phone, or the Single Sign-on for Web Systems (SSWS). If using the SSWS to report an error on a secure test item, upload the file via the "Dropbox" application to the Virginia Department of Education, Receiver: Agnes Williams and Copy: Chancie Dunkley. If a response is not received within 48 hours, please call assessment staff to ensure the file with the reported error was received.
- ☑ The Virginia Department of Education will investigate the problem and provide a follow-up report to the DDOT.
- ☑ Provide directions to Examiners and Proctors regarding proper responses to student questions about test items. For example, if a student says, "I don't understand this item," the Examiner should respond, **"I can't discuss the items with you."** If, after testing is complete, a student asks to discuss a test question, the Examiner, Proctor, or teacher should remind the **student that test questions cannot be discussed**. Refer to Section 5.4.2 for guidance.

5.4.7 Marking Test Complete guidelines

Every student identified for Spring 2016 testing must be accounted for via an online test or a paper answer document. This includes students who were not tested because they:

- were exempt due to LEP;
- they were absent during the entire test window;
- their parent/guardian refused to permit the student to test;
- they refused or were disruptive;
- they cheated;
- they were involved in a medical emergency and unable to return during the test window to take the test;
- they failed the course in a previous administration but passed the test and are retaking the course; or

- took a substitute test for verified credit (not including VAAP, VGLA, VSEP, or VMAST assessments).
- ☑ To account for a student using PearsonAccess, an online test record may be submitted by clicking the *Mark Test Complete* button and choosing the appropriate value from the Testing Status field on the Student Test Details screen. Refer to the *PearsonAccess User's Guide for the Virginia Assessment Program* for more information on marking a test complete.
- ☑ Students who are retesters or are enrolled in a remediation program do not have to be accounted for if they are not tested.
- ☑ Because absent students are to be afforded an opportunity for make-ups, **do not mark an absent student's test complete until the end of your testing window**. Only the DDOT or STC has authorization to mark a test complete and assign a testing status.
- ☑ Follow established guidelines regarding the *Mark Test Complete* functionality. The guidelines are explained in terms of non-test irregularity and test irregularity situations. In the case of test irregularities, follow the procedures in Section 5.4.7.2 before marking a test complete. Once a test is in "Stopped" status, an alternate form cannot be assigned.



IMPORTANT: *If a student has already logged into the test, it is always better to have him/her EXIT the test if it cannot be completed. Students in an Active, Exited, or Resume status will not be accounted for in the online system. In addition, an alternate form can be assigned for an Active, Exited, or Resume status if needed.*

5.4.7.1 Marking a test complete for non-test irregularity situations

- DDOT** ☑ There are some situations **not involving a test irregularity** in which students were not tested but must be in Completed status. These students must have a testing status code. More information about assigning testing status codes may be found in Section 6.2.1, Testing Status. Status codes are not assigned to students who are designated as retesters for verified credit and who do not test.

5.4.7.2 Marking a test complete for online test irregularity situations

- DDOT** ☑ In the event of a test irregularity, you will receive specific instructions about how to handle the student record. **Before marking a test complete, please wait for a response from VDOE regarding resolution for the irregularity.** You can move the student (if in Exited or Resumed status) to a non-started test session in order to stop the current session by the end of the day.
- ☑ When the student is authorized to take the alternate form online, the DDOT will receive specific directions regarding the method in which the alternate form is to be delivered. An alternate form can only be assigned by the DDOT via the online system. Refer to the *PearsonAccess User's Guide for the Virginia Assessment Program* for more information on assigning the alternate form.
- ☑ In general, the following irregularities may require a test to be marked complete.
- If a student is found to have cheated on an online SOL test, mark the test complete and assign Testing Status "07—Student Cheated."
 - If a student is found to be disruptive or refuses to take/finish an online SOL test either before or after logging into the test, mark the test complete and assign Testing Status "05—Refusal/Disruptive."
 - If a student becomes ill after logging into an online test **on the last day of your test window**, mark the test complete and assign Testing Status "04—Medical Emergency." Do not mark the test complete until it is known that the student will not be returning to take an alternate form of the test during the division's test window.

5.5 Make-Up Testing Sessions

- STC** ☑ All students who are absent or miss a regular test session (paper or online) must be provided with an opportunity to take, on a make-up basis, the test(s) they missed.

- ☑ Verify the local testing window for make-up testing sessions with the DDOT.
- ☑ All make-up sessions must be completed in time to submit materials to meet the local deadlines set by the DDOT.
- ☑ Schedule make-up sessions as necessary and secure appropriate numbers of Examiners and Proctors for these sessions.
- ☑ Contact the DDOT if additional testing materials are needed for make-up testing sessions.
- ☑ After paper make-up sessions have been completed, submit the answer document of each student who has taken a make-up test with the answer documents used by students in her/his regular classroom.

5.5.1 Paper make-up sessions

- ☑ All paper make-up sessions must be completed in time for the DDOT to ship all answer documents to Pearson no later than by the last day of the division's test window.
- ☑ Students will use a test booklet from the school's original order of main materials. However, for irregularities that require retesting using the alternate multiple-choice form as directed by the Virginia Department of Education, **alternate forms** must be ordered from Pearson by the DDOT.
- ☑ After make-up sessions have been completed, bundle the answer document of each student who has taken a make-up test with the answer documents used by students in her/his regular classroom.
- ☑ At the close of the last testing session, Examiners are instructed to inspect the students' answer documents, verify the testing materials, as directed by the STC, and organize and return all test materials to the STC. For detailed information, refer to the *Supplement to the Examiner's Manual*.

5.5.2 Online make-up sessions

- ONLINE** ☑ For make-up sessions, students will take the same test form taken by other students on the regular testing date(s).
- ☑ Students who are absent on the day of testing must be moved from the testing session and placed in a make-up session before that session can be stopped.

5.6 Term Graduate Testing

- ☑ Students pursuing a Standard or Advanced Studies Diploma who are scheduled to graduate by August 31, 2016, and who need certain verified credits in order to graduate are considered to be Term Graduates for the Spring 2016 *Non-Writing* Administration.

Students pursuing a Modified Standard Diploma who are scheduled to graduate by August 31, 2016, and need to take the Grade 8 *Reading* and/or *Mathematics* tests to verify literacy and numeracy requirements are also considered to be Term Graduates.

Term Graduates will take designated **Term Graduate** context forms. Most tests will have four attempts available in either online or paper format. The score of the current attempt must be received before the student retests with the next attempt. Remediation is suggested before each attempt, but must be provided prior to the 3rd and 4th attempts.

- ☑ **Assigning forms for online testing:** Staff creating test sessions in PearsonAccess for Term Graduates must select the **Term Graduate** Context, and then select the appropriate "attempt" from the drop-down menu in order to ensure previously equated forms are used for Term Graduate testing.
- ☑ **Assigning forms for paper testing:** Refer to the Term Graduate paper forms matrix for the correct sequence of forms to provide for each Term Graduate attempt. The Term Grad **First Attempt** forms (regular/read-aloud, audio, large-print, or braille) should be administered for the first test attempt. The forms must be sent to Pearson for scoring. If the student receives a failing score, the DDOT may order the **Second Attempt** form listed on the Term Graduate forms matrix for the student's 2nd attempt. If the student is unsuccessful, a **Third Attempt** may be ordered and administered after remediation is

provided. If necessary, the DDOT may order the **Fourth Attempt** form listed on the Term Graduate forms matrix, for the student's 4th attempt after additional remediation is provided to the student.

5.7 Project Graduation Testing

Project Graduation students are high school students who:

- have passed the course but failed the EOC SOL test in a previous test administration;
- are retesting for the verified credit; and
- are currently participating in a Project Graduation initiative.

Project Graduation students may have the same number of opportunities to test as Term Graduates. Project Graduation students will take designated **Term Graduate** context forms; refer to Section 5.6 for form assignment directions.

- The Project Graduation student must be assigned the test based on the SOL of the test previously failed.
- The tests taken under the Project Graduation guidelines must be identified in PearsonAccess with the Project Graduation and Retest flags.
- Code a student as both Project Graduation and Term Graduate in PearsonAccess only if the Project Graduation student is expected to graduate by August 31, 2016.
- Refer to the Student Data Upload (SDU) File Requirements for coding directions. If you have questions regarding the Project Graduation initiative contact your division's Project Graduation Coordinator.

5.8 Expedited Retake Testing

The Expedited Retake test is an optional opportunity for the student to retake a failed SOL test during the same administration. School divisions should administer Expedited Retakes during the Spring 2016 *Non-Writing* Administration to students as follows:

- ☑ The DDOT or STC should schedule Expedited Retake test sessions within three weeks of the initial test's score reporting, but **no later than** June 24, 2016.
- ☑ Expedited retake tests should be coded as retest in PearsonAccess; refer to Section 5.8.3 for details.
- ☑ Divisions are urged to offer remediation to students before the expedited retake attempt; however, expedited retake tests do not qualify for the Recovery code.

The following criteria must be met:

- **EOC Expedited Retake Guidelines:**

The student must have passed the course associated with the test and needs the test for verified credit and has met one of the following conditions:

- Failed the test by a narrow margin (between 375-399), or
- Failed the test by any margin and have "extenuating circumstances,"* or
- Did not sit for the regularly scheduled test for "legitimate reasons"*

*The division superintendent is responsible for making the determination of what constitutes "extenuating circumstances" and "legitimate reasons."

High school students pursuing a Modified Standard Diploma who still need to meet literacy or numeracy requirements shall have additional opportunities for a retest on the 8th grade (or higher) tests in the same manner as described above.

The guidelines regarding EOC Expedited Retakes can be found in *Guidance Document Governing Certain Provisions of the Regulations Establishing Standards for Accrediting Public Schools in Virginia* at:

www.doe.virginia.gov/boe/guidance/index.shtml

- **Grades 3-8 Expedited Retake Guidelines:**

The student must have passed the course associated with the test and has met one of the following conditions:

- Failed the test by a narrow margin (between 375-399), or
- Failed the test by any margin and have "extenuating circumstances,"* or

- Did not sit for the regularly scheduled test for “legitimate reasons”*
- In addition, the following conditions shall apply:
 - Parents of eligible students shall be notified: (a) of the opportunity to retake the test(s); (b) that a decision not to retake any or all of the test(s) will not impact their child’s grade or academic record; and (c) of the opt-in requirement.
 - Prior to any additional testing, school divisions shall obtain and thereafter maintain documentation (e.g. written permission, phone logs, emails) of affirmative parental consent and permission for their child to take an expedited retake (opt-in).

*The division superintendent is responsible for making the determination of what constitutes “extenuating circumstances” and “legitimate reasons.”

5.8.1 Ordering materials for Expedited Retakes

- ☑ If you have students who will be taking paper SOL tests under the Expedited Retake policy, refer to the forms matrix for paper tests. If a form is listed in the Expedited Retake/Alternate column, order that form using Additional Orders in PearsonAccess. If you have any questions about which forms should be administered, contact the assessment staff of the Virginia Department of Education.

5.8.2 Creating online sessions for Expedited Retakes

- ☑ Expedited Retake test sessions may be created in advance and students added later; however, they should not be started until the day of testing. While you are not bound by the scheduling information entered when creating a test session, it is recommended that the day and time be as accurate as possible. The test session information including session name, date, time, and duration may be modified up until the time the session is started.
- ☑ ALL students (those who originally tested online or with paper) who meet the Expedited Retake criteria are eligible for taking the retakes online. When the session is created, the Expedited Retake context must be selected.

5.8.3 Coding Expedited Retake tests in PearsonAccess

- ☑ The DDOT or STC finalizes student demographics and test specific information for Expedited Retakes taken online or with paper. Be sure that the Retest value is selected on the Student Test Details screen for every student who is retaking the test. Students who are taking an SOL for the **first** time, even if in Expedited Retake context (or using an Expedited Retake form), should **not** have the Retest field completed.
- ☑ Because the Expedited Retake test is optional for the student, do not account for students who do not retest under the Expedited Retake opportunity.

6. SPECIFIC DUTIES OF THE STC: AFTER TESTING

6.1 Receive All Testing Materials from Examiners

Paper tests: The STC should follow the procedures outlined in Section 7.3 in the *Supplement to the Writing and Non-Writing Test Implementation Manuals* in order to account for all test materials, ensure the accuracy of the coding on students’ answer documents, supervise the transcription of student responses, bundle answer documents, and transmit test materials to the DDOT.

For online tests follow the procedure below:

- Examiners are instructed to return all test materials to the STC after testing. This includes Student Authorization Tickets, Proctor authorization tickets (if read-aloud session), used scratch paper, the test session roster (optional), *Examiner’s Manual*, and any test manipulatives/materials.
- The STC counts the test tickets and initials the *Test Ticket Transmittal Form and Affidavit for Examiners/Proctors* to verify that all test tickets have been returned.
- STC provides the affidavit to Test Examiners to sign.

6.2 Complete Coding of Student Demographic Information

6.2.1 Testing Status

After all make-up testing sessions are finished, select the Testing Status code to explain why a student did not take or complete the required SOL test. The Testing Status code may be applied to either completed processed online tests or completed processed paper tests by completing the status code box on the students' *Test Details* screen in PearsonAccess. Testing Status codes may be applied to paper answer documents by completing Field H, *Testing Status*. Table 10 describes the coding options. Contact the student assessment staff at the Virginia Department of Education if you have a situation in which a student was not tested and none of the codes in Table 10 apply.

Table 10. Testing Status Codes

Testing Status:	Apply testing status if:
1 = Absent	The student was absent from the regular session and was never present to make-up the test for the remainder of the division's test window.
3 = Limited English Proficient (LEP)	The student was determined eligible for a one-time exemption by way of her/his <i>LEP Student Assessment Participation Plan</i> . Applicable only to students in grades 3-8 for the <i>Virginia Studies</i> or <i>Civics & Economics</i> SOL test and students in grade 8 for the Grade 8 <i>Writing</i> SOL test.
4 = Medical Emergency	The student was absent for the entire testing window due to hospitalization or serious illness, or became ill while testing and then was absent due to illness for the rest of the specified test window, or has a medical condition that renders the student unable to test. Significant medical emergencies must be documented by a medical professional.
6 = Did Not Attempt Reading, Mathematics or Science Test	The student was enrolled but not assessed in <i>Reading</i> , <i>Mathematics</i> , or <i>Science</i> and no other testing status code applies. The division is required to file a testing irregularity with VDOE to document the circumstance.
7 = Student Cheated	The student was determined by the school division to have cheated. (Student receives a score of zero.)
8 = Did Not Attempt Writing or History/Social Studies Test	The student was enrolled but not assessed in <i>Writing</i> or <i>History/Social Studies</i> and no other testing status code applies. The division is required to file a testing irregularity with VDOE to document the circumstance.
9 = Student Already Passed This Test	The grade 3-8 student has been <u>retained</u> (in grades 3-8) and has passed this test previously. Refer to note #1 regarding testing of accelerated students in grades 3-8. <u>OR</u> The grade 9-12 student is <u>re-enrolled</u> in a course requiring an EOC SOL test, and previously passed the EOC test.
10 = Substitute Test Taken	If the student was enrolled in the course for the <u>first time</u> , and has already taken or will take an approved substitute test in place of an EOC test, complete Code 10. <u>OR</u> If the student completed an approved Substitute Test as a <u>retest</u> for a previously failed EOC test, select both Testing Status 10 and the Retest fields on the Test Details screen in PearsonAccess. (Refer to note #2.)
11 = LEP Exempt Reading	LEP students have attended school in the United States for less than 12 months may receive a one-time exemption for the SOL <i>Reading</i> test in grades 3-8. This guideline also applies to students arriving from Puerto Rico. No exemption is available for EOC <i>Reading</i> .
15 = Other (VDOE approval only)	Use only as directed by VDOE.
50 = Student Refusal/Disruptive	The student refused to take the test or the student was too disruptive to test. (Student receives a score of zero.)
51 = Parent Refusal	The parent/guardian refused to permit the student to take the test. (Student receives a score of zero.)

NOTES:

1. Under the requirements of *No Child Left Behind* (NCLB), students in grades 3–8 must be assessed at each grade level in reading and mathematics. Status 9 cannot be used in a situation in which an accelerated student in grades 3–8 passes the test from a higher grade level, is then promoted, and then assigned to a reading/mathematics class in which he/she passed the reading/mathematics SOL in a previous grade. For example, if a student passes the Grade 7 *Mathematics* SOL test in grade 6, is promoted to grade 7 but is then reassigned to a grade 7 mathematics class, the student may not be coded testing status 9 on the Grade 7 *Mathematics* test. Testing Status 6 usually applies to this type of circumstance and the division is required to file a testing irregularity with VDOE to document the circumstance. This policy also applies to EOC *Mathematics* and *Reading* tests given in grades 3–8 to accelerated students.
2. Substitute Test—Submit only one EOC test record per subject per year (which includes Summer 2015, Fall 2015, and Spring 2016) with Testing Status Code 10 completed for a student regardless of how many times the student attempts a substitute EOC test during that time for that subject. Substitute test performance data will be collected by the Virginia Department of Education via the Single Sign-on for Web Systems (SSWS) application in Summer 2016 for the Summer 2015, Fall 2015, and Spring 2016 test administrations. The DDOT will only enter the highest score earned by the student for a substitute test for that subject. Do not submit a substitute test record for students completing SOL assessments through VAAP, VGLA, or VSEP. For the list of approved substitute tests refer to the document: *Substitute Tests for Verified Credit* located at:

www.doe.virginia.gov/testing/substitute_tests/substitute_tests_verified_credit.pdf

- ☑ **Refusals.** The Virginia Board of Education requires that students enrolled in Virginia public schools complete all applicable Virginia tests. If, however, parents refuse to have their student participate in one or more of the required Virginia assessments, the following procedures should be followed within the school division:
- The parents should be informed that their student’s score report will reflect a score of “0” for any test that is refused.
 - The school is strongly encouraged to request a written statement from parents indicating the specific test(s) the parents refuse to have their student complete. The document should be maintained in the student’s file as a record of the decision.
 - To account for the student, a test record for the refused test(s) is to be submitted for scoring with a Testing Status 51 coded to indicate the refusal was requested by the parent.

In situations where a student’s test attempt is coded with Testing Status 50 or 51, the “0” score on the test is included in the school and division pass rates calculated for the purpose of state accountability and for performance in federal accountability. Because the student receives a “0” score for the refused test, the school and division participation rates for federal accountability are not affected.

An exception is if a parent or student refuses an opportunity to retake an end-of-course SOL test that the student previously failed. No test record would be submitted in this situation because the student was already accounted for by the initial end-of-course test attempt. The parent and student should be made aware, however, of any potential impact that not earning a verified credit may have on the student’s attempt to graduate or meet specific diploma requirements.

- ☑ Because absent students are to be afforded an opportunity for make-ups, do not complete Testing Status information until after all make-up testing is finished. Decide if the Examiners, or another adult, will complete the identifying information on answer documents for students who are not tested, including Field H, *Testing Status*, to indicate the reason the student did not take a test.
- ☑ **Coding an Online Test with a Testing Status:**
To account for a student who did not take/complete a test due to an appropriate status condition, noted in Table 10, mark the test complete in the started test session and select the appropriate testing status.

☑ **Coding a Paper Test with a Testing Status:**

To account for a student who was not tested, Field H, Testing Status, on the answer document may be completed. Then the answer document is sent to Pearson with the other students' answer documents. However, it is preferred that you use the online system to account for a student who qualified for a paper test but was not tested. Access the student's test assignment in PearsonAccess and change the format from paper to online. Create a test session and assign the student to the session. Start the session and mark the test complete and enter the testing status.

- ☑ **Do not submit a test with a testing status code for any EOC or Term Graduate student designated as a retester.** A retester is a student who has passed the course and has failed the SOL test prior to this administration and needs this test for verified credit in order to meet his/her specific diploma requirements.

6.2.2 Special Test Accommodations

Test Accommodations should be completed only by an STC, Examiner, or another designated school staff member.



IMPORTANT: The STC should work with appropriate local staff to determine which students need to be provided with testing accommodations as specified by their Individualized Education Programs (IEPs), 504 Plans or LEP Student Assessment Participation Plans or due to a documented temporary condition. If you have any questions about the testing of a particular student, contact your DDOT.

After testing, the special test accommodation codes used by the student must be documented in PearsonAccess. The accommodation codes may be selected on the student's *Test Details* screen after the test has been processed by Pearson. Test accommodations may be selected on paper answer documents or by darkening the appropriate circle(s) in Field I, *Special Test Accommodations* on the student's answer document. Testing accommodations must be specified in the student's IEP, 504 Plan, LEP Student Assessment Participation Plan, or in the documentation of a temporary condition. All accommodation codes that apply to a student must be completed; **accuracy is critical**. Refer to Appendix C, Special Testing Accommodations, for details regarding selected accommodations available for students with disabilities and LEP students.

NOTE: Paper answer documents do not list accommodation codes 2 and 20. If these accommodations are used, these test codes must be applied to the student's test record in PearsonAccess.

The *Table of Testing Accommodations* in Appendix D defines the special testing accommodations that correspond to the codes on the answer document and in PearsonAccess.

Code 27—Other should be completed when directed, to identify a special assessment accommodation that was approved by the Virginia Department of Education and was provided to a student. These special assessment accommodations are not listed on the *Table of Testing Accommodations Available for the SOL Non-Writing Test* in Appendix D. Refer to Appendix C for detailed information about the process to request Special Testing Accommodations.

Students with temporary conditions requiring test accommodations—Students who do not have an IEP, 504 Plan, or LEP Student Assessment Participation Plan may be provided with appropriate special test accommodations needed to access the Virginia SOL tests if they have a documented temporary condition such as a broken arm or injured hand. Documentation of the temporary condition and necessary accommodations must be maintained in the student's school/division file.

How to code a student in PearsonAccess with a temporary condition—The **Temporary Condition** code may be uploaded into PearsonAccess by a Student Data Upload (SDU) file, or coded manually using the following steps:

- Log into PearsonAccess and click on the *Test Management* tab.

- Click on the *Student Registration* link and after locating the student, click on the student's name to access the student's *Registration Record*.
- On the *Student Registration Record* screen click *Edit*, select "Y" in the Temporary Condition drop-down box, and click *Save* to apply the change.

After testing, the special test accommodation used by the student must be documented in PearsonAccess. The accommodation codes may be selected on the student's Test Details screen after the test has been processed, or if testing via a paper test, by darkening the appropriate oval(s) in Field I, *Special Test Accommodations*, on the student's answer document.

6.3 Conduct Transcription of Student Responses

Transcribing students' test responses is **only** available for students with certain accommodations as stated in their IEPs, 504 Plans, LEP Student Assessment Participation Plans or due to a documented temporary condition.

- ☑ In the case of a damaged answer document or an irregularity, the DDOT authorizes transcription of the student's demographic information, multiple-choice answers onto a new answer document; have a second school official verify the transcription and ensure that no errors occurred; write the word "VOID" on the demographic page of the original answer document; and return it to the DDOT.

NOTE: The student's responses must not be altered in any way.

- ☑ In the case of an accommodation provided requiring transcription, ensure that the student has recorded her/his answers elsewhere, such as an audio/video, electronic device, printed copy, circled in the test booklet, or marked on a separate sheet of paper.
- ☑ Designate an Examiner or another school staff member to perform this transcription. Ensure that the student's responses are transcribed exactly and not altered in any way.
- ☑ Have the transcription verified by a second school staff member.



IMPORTANT: Refer to Appendix C, *Transcription of Student's Answers—Information for all Assessments*, for detailed information.

- ☑ For students who have the mark in test booklet accommodation, the regular answer document and the marked test booklet must be verified by a second school official to ensure that no errors in transcription occurred. The student's name should be clearly printed on the test booklet and the booklet returned with all other secure materials to Pearson. If a discrepancy is discovered after the division has returned their secure materials to Pearson, notify assessment staff at the Virginia Department of Education.

More detailed information about procedures for transcription is in Appendix C.

6.4 Prepare and Transmit SOL Affidavits and Forms

- ☑ After all test materials have been returned to your DDOT, complete the *School Affidavit* in Appendix A; sign and date it, and have the building principal sign and date it. This form must be returned to the DDOT by the date specified in your local instructions.
- ☑ Transmit all signed *School Division Personnel Test Security Agreement* forms to the DDOT.
- ☑ Transmit all forms used for secure materials accounting to the DDOT.

Table 11. STC Disposition of Test Materials

	Item(s)	Required Signatures	Disposition
Scorable test materials	<ul style="list-style-type: none"> Answer documents (includes completed and partially completed) <i>Header Sheet</i> 	None	Packed in new/original cartons and returned to the DDOT per local instructions
Non-scorable, secure test materials	<ul style="list-style-type: none"> Test booklets Braille and large-print test booklets and audios, and Examiner's copies of test booklets Audio copies of test booklets 	None	<ul style="list-style-type: none"> Packed in new/original cartons and returned to the DDOT per local instructions Large-print test booklets are packed in original boxes and returned to DDOT.
	<ul style="list-style-type: none"> Used (written on) <i>Mathematics</i> formula sheets, z-tables, and copies of the <i>Periodic Table of the Elements</i> Damaged and/or "VOID" answer documents Used scratch paper written on by students Student and Examiner authorization tickets 	None	Packed in separate cartons (not to be included with answer documents or test booklets) and returned to the DDOT or securely destroyed per local instructions
	<ul style="list-style-type: none"> Student paper, audio, or electronic responses used for transcriptions Audio/video/electronic copies of testing sessions (e.g., read-aloud, interpreting, etc.) 	None	Returned to DDOT
	<ul style="list-style-type: none"> <i>Test Irregularity Form</i> (if used) 	STC	Submitted to DDOT within 24 hours of occurrence
Required forms	<ul style="list-style-type: none"> Locally required accounting documents for secure materials and/or <i>Transmittal Forms and Affidavits for Examiners/Proctors</i> <i>Assembly ID Sheets</i> for test booklets including those with discrepancies <i>School Division Personnel Test Security Agreements</i> 	As stipulated on the form	Returned to the DDOT per local instructions
	<ul style="list-style-type: none"> <i>School Affidavits</i> 	STC/Principal	
Non-scorable, non-secure test materials	<ul style="list-style-type: none"> <i>Test Implementation Manual</i> 	N/A	Dispose of according to local procedures.
Non-secure materials	<ul style="list-style-type: none"> <i>Examiner's Manuals</i> <i>Supplements to the Examiner's Manuals</i> and TIM Unused answer documents Unused <i>Header Sheets</i> Unused paper bands 	N/A	Retain for use during the summer administration as directed by the DDOT.
	<ul style="list-style-type: none"> Calculators, compasses, protractors, angle rulers, and rulers 	N/A	Store according to DDOT directions.

7. SPECIFIC DUTIES OF THE DDOT: AFTER TESTING

7.1 Paper Testing

Refer to the *Supplement to the Writing and Non-Writing Test Implementation Manuals* for the specific information regarding the DDOT's management of the paper test materials after testing.

For paper test administrations, it is important to ship answer documents soon after testing in order to receive scores back in time to administer additional Term Graduate test opportunities or retests under the Expedited Retake policy prior to the close of the division's test window.

7.2 Complete and Return the SOL School Division Affidavit

- ☒ Complete the *School Division Affidavit* (Appendix A).
- ☒ Scan and email the signed affidavit to the Virginia Department of Education no later than **four weeks after the end of the division's testing window**.

7.3 Review Disposition of All Test Materials

- ☒ The STC has been instructed to follow your directions regarding the disposition of the following materials:

Non-Secure

- *Examiner's Manual*
- *Supplement to the Examiner's Manual*
- *Test Implementation Manual*
- *Supplement to the Writing and Non-Writing Test Implementation Manuals*
- unused answer documents

Secure

- all Student and Examiner Authorization tickets
 - scratch paper, *Mathematics* formula sheets, z-tables, and copies of the *Periodic Table of the Elements* that have been written on by students
 - completed, partially completed, damaged and/or "VOID" answer documents
 - student paper, audio, electronic, or video recorded student responses used for transcriptions
 - audio, electronic, or video copies of testing sessions (such as read aloud, interpreting)
- ☒ *Mathematics* formula sheets, z-tables, and copies of the *Periodic Table of the Elements* that have been written on, all Student and Examiner authorization tickets, and used scratch paper must be securely destroyed (by shredding or burning).
 - ☒ Other materials except as noted below may be recycled or thrown away.
 - ☒ The following materials must be kept secure in the division until scores have been returned from Pearson and verified and Authorization to Proceed (ATP) is approved for the test administration. Then the following materials may be securely destroyed: answer documents marked "VOID," student paper, audio, electronic, or video responses used for transcriptions, and audio, electronic, or video copies of testing sessions.
- NOTE:** Instruct the STCs to retain the *Examiner's Manuals* at the end of the spring testing period so that they may be reused in the summer SOL test administration.
- ☒ Instruct STCs on procedures for storing calculators, rulers, compasses, and protractors/angle rulers. Do **not** pack the materials listed above with the test booklets that are returned to Pearson. There is no requirement that you inspect any of these materials.
 - ☒ Refer to Table 12, DDOT Disposition of Test Materials, to review your division's disposition of all testing materials.

Table 12. DDOT Disposition of Test Materials

	Item(s)	Required Signatures	Disposition
Scorable test materials	<ul style="list-style-type: none"> Answer documents (includes completed and partially completed) bundled behind <i>Header Sheets</i> 	None	Packed in new/original cartons with pink labels and shipped by UPS/K2 Logistics (overnight) to Cedar Rapids, IA
Non-scorable, secure test materials	<ul style="list-style-type: none"> Test booklets Braille and large-print test booklets and Examiners' copies of test booklets Audio copies of test booklets 	None	Packed and shipped with peach labels by UPS/K2 Logistics (ground) to Cedar Rapids, IA Large-print test booklets are packed in original boxes and returned to Pearson
	<ul style="list-style-type: none"> Student and Examiner Authorization tickets Used (written on) <i>Mathematics</i> formula sheets, z-tables, and copies of the <i>Periodic Table of the Elements</i> Used (written on) scratch paper 	None	Securely destroy according to local procedures.
	<ul style="list-style-type: none"> Damaged and/or "Void" answer documents Student paper, audio, or electronic responses used for transcriptions Audio/electronic, video copies of testing sessions (such as the recording for a read-aloud session, interpretation) 	None	Keep secure in the division. After scores are reported and are verified, securely destroy according to local procedures
	<ul style="list-style-type: none"> <i>Test Irregularity Form(s)</i> (if needed) 	STC/DDOT	Submitted to VDOE through TIWAS if applicable
Required Forms	<ul style="list-style-type: none"> Locally required accounting documents for secure materials and/or <i>Transmittal Forms and Affidavits for Examiners/Proctors</i> 	Per local requirements	Retained in DDOT's file in accordance with the local Records Retention and Disposition Schedule
	<ul style="list-style-type: none"> <i>Assembly ID Sheets</i> <i>Packing List/Transmittal Form (Assembly ID Sheets with noted discrepancies attached)</i> 	Examiners/STC	
	<ul style="list-style-type: none"> <i>School Division Personnel Test Security Agreements</i> 	Examiners/Proctors	
	<ul style="list-style-type: none"> <i>School Affidavit</i> 	STC/Building Principal	
	<ul style="list-style-type: none"> <i>School Division Affidavit</i> 	DDOT/Division Superintendent	
Non-secure materials	<ul style="list-style-type: none"> <i>Examiner's Manuals</i> (and Supplements) Unused answer documents Unused <i>Header Sheets</i> Unused paper bands 	N/A	Retain for use during the 2016 summer administration.
Non-scorable, non-secure test materials	<ul style="list-style-type: none"> <i>Test Implementation Manuals</i> Unused Spring 2016 <i>Non-Writing</i> return shipping labels 	N/A	Dispose of according to local procedures.
	<ul style="list-style-type: none"> Calculators, compasses, protractors, angle rulers, and rulers 	N/A	Store according to local procedures.

7.4 Resolve Student Test Alerts in PearsonAccess

Student test alerts are discrepancies in the data associated with online or paper tests (e.g., no test assignment, invalid form number). The test alerts are identified while the test records are being processed by Pearson for scoring. Resolving or clearing student test alerts is an important step after testing because the alerts prevent the alerted test records from being scored and subsequently reported in a division's and school's test results in PearsonAccess.

The details of the student test alerts are needed when attempting to resolve them. Details for each test alert can be viewed by clicking on *Resolve Student Test Alerts* under the *Test Management* tab in PearsonAccess. A support document, *Resolving Student Test Alerts*, provides assistance in understanding and resolving the various types of test alerts and is available in PearsonAccess on the *Support* page under the *ATP* tab.

7.5 Access SOL Non-Writing Test Results

DDOTs will be notified by email from Pearson, however, when SOL *Non-Writing* test results begin to be available in PearsonAccess.

SOL *Non-Writing* test results will be available as described below:

7.5.1 Student Data Extract Files

SOL *Non-Writing* test scores are available to school divisions in the Student Data Extract Files in PearsonAccess. These data files are provided in “.csv” and “.txt” formats and include the demographic and student performance data for each student test record being reported. The Student Data Extract Files are available at the division and school levels and are updated nightly to reflect any newly processed test records and changes in demographic data completed as of 3:00 p.m. each weekday.

- The Student Data Extract Files are located under the *Test Results* tab in PearsonAccess. Click on *Published Reports*, and then select either the *Division* or *Schools* radio button to view the various files available at those organization levels.
- The *Student Data Extract Layout* documents provide a description of each field in the extract files. These documents are available in PearsonAccess on the *Support* page and can be accessed by clicking on *Extracts* tab under *Resources*.
- Note that Student Data Extract Files contain confidential student demographic and performance data; such data should be maintained securely and never shared by email.

7.5.2 Score Reports: Published Reports

Score reports in the form of PDF files are available under *Published Reports* in PearsonAccess. When downloaded and opened, they are formatted, printable pages for communicating student performance data on each student test. These reports can be viewed, saved, and printed as needed. Specifically, the *Student Score Reports* may be shared with students' parents. The *Student Score Reports* are updated at the end of each week to reflect newly processed test records and changes in demographic data completed as of 3:00 p.m. on Friday.

- To access the different PDF score reports located under the *Test Results* tab in PearsonAccess, click on *Published Reports*, then select either the *Division* or *Schools* radio button to view the reports available at those organization levels.
- Additional information regarding all of the pre- and post-ATP reports can be found on the *SOL Non-Writing Report Chart* located on the *Reports* tab of the *Resources* page in PearsonAccess. The *SOL Non-Writing Report Chart* contains a brief description of each report, their location in PearsonAccess, their sort order and availability

7.5.3 Score Reports: On Demand Reports

Score reports in the form of *On Demand Reports* are available in PearsonAccess to provide near real-time access to student performance data on each submitted test. *On Demand Reports* are available for online SOL tests only.

7.6 Review Data

School and division staff should use the student data extract file to view the test results. This file can be opened as a spreadsheet and is filterable. Because the extract file contains all the codes applied to a student's test record, the specific *Student Data Extract Layout* should be used to interpret the data provided in each field. The *Student Data Extract Layout* documents are available in PearsonAccess on the *Support* page and may be accessed by clicking on *Extracts* under *Resources*.

Verify that student attributes have been applied correctly. Examples include but are not limited to: disability, ethnicity, race, SOA Adjustments, AYP Adjustments, retest, recovery, economically disadvantaged, Term Graduate, Project Graduation, etc. Guidance for application of student codes may be found in the *Student Data Upload File Requirements*. These documents are located on the *Support* page in PearsonAccess and may be accessed by clicking on *SDU* under *Resources*.

7.7 Request ATP

After the division has reviewed the data and has made corrections to ensure every student who is required to be tested is accounted for and every student/test is coded properly, the DDOT must request the Authorization to Proceed (ATP). The ATP is the verification from the school division that the division's data have been finalized and the division is authorizing the final preparation of the data for both printed reports and for inclusion in the Federal Accountability and State Accreditation calculations and reports. As a result, the division Superintendent's signature, verifying that the data are accurate, is required.

Requesting ATP is a two-step process:

- Step 1, Request ATP Electronically in PearsonAccess. Log into PearsonAccess at the division level, go to *Test Results* then click on the *Request ATP* tab. Check the box in front of the Division name then click the *Request ATP* button on the gold command bar. Once the *Request ATP* button is clicked, the division's data are locked and edits are no longer available to any division staff.
- Step 2, Provide Required DDOT and Superintendent Signatures. Fill out the paper ATP form, with the DDOT's and Superintendent's signatures, then fax the completed form to Pearson at 319-358-4298 or or scan and email the form to VAATP@pearson.com. The ATP form is available in PearsonAccess on the *Support* page under *ATP*.

Once steps 1 and 2 are complete, Pearson will check that all alerts for the division are resolved. The DDOT will receive an email from Pearson stating that the division's ATP has been accepted or rejected. The DDOT may also monitor the ATP status in PearsonAccess: Go to *Test Results*, click on *Request ATP*.

ATP Status Messages

- **Changes in Progress**—ATP was either not submitted or was rejected. The data can still be edited.
- **ATP Requested-Awaiting Approval**—the DDOT has submitted ATP and is awaiting approval from Pearson. The data cannot be edited.
- **ATP Approved**—Pearson has approved the division's request for ATP. Printed reports can now be ordered but the data cannot be edited.

Request ATP by the deadline published in the schedule located in the front of this manual.

7.8 Order Final Reports

Once the division's ATP has been approved, the DDOT may place the order for paper copies of the final reports. Printed reports may be requested by the division or by the school. Instructions in the document *How to Request Printed Reports in PearsonAccess* should be followed. To download a copy of the document, go to the *Support* page in PearsonAccess and click on the *Reports* link under *Resources*, and then click on *How to Request Printed Reports*.

The DDOT may submit only one order to Pearson for the printed reports. Once submitted, the DDOT cannot modify the order.

Order the division's printed reports by the deadline published in the schedule located in the front of this manual.

7.9 Post ATP Record Changes

If the division discovers erroneous coding or omitted coding after the ATP has been submitted and approved, the DDOT can request that assessment staff at the Virginia Department of Education correct the coding for the division. Corrections may be requested to the most current three school years data in PearsonAccess.

Process for requesting post ATP record changes:

- Download a copy of the Post ATP Record Change Request form, available in PearsonAccess on the *Support* page under *ATP*.
- Follow the directions on the form to provide the information necessary for assessment staff to make the changes and to provide the necessary documentation to authorize the changes.
- Submit the following to the Virginia Department of Education using the SSWS Dropbox as directed on the form:
 - The completed Post ATP Record Change Request form (in Excel format);
 - The scanned page one of the spreadsheet with signatures of the DDOT and the Division Superintendent;
 - The scanned letter from the division Superintendent that requests the changes and addresses why these record changes were identified after the Authorization to Proceed (ATP) was submitted. The letter should address the effort the school division will implement to prevent these errors from occurring in the future. The letter should be addressed to Dr. Steven R. Staples, Superintendent of Public Instruction, and copied to Shelley Loving-Ryder, Assistant Superintendent of Student Assessment and School Improvement.

Once these three documents are received in the office of Student Assessment and School Improvement, assessment staff will review the request.

- Once the record changes have been made, assessment staff will annotate the file and send it back to the DDOT via the SSWS drop box. The DDOT should review the file and the assessment staff notes, and then save the file locally. If the record change affected a student score, be sure to get a revised *Student Report* to send home to the student's parent(s).
- The Division Superintendent will also receive a letter from Dr. Staples acknowledging receipt of the record change request and authorizing the assessment staff to make the changes.

Any changes made will appear in the Student Data Extract File in PearsonAccess at the next scheduled refresh of the extract file for that administration.

THANK YOU

We appreciate your time and effort in participating in the Spring 2016 *Non-Writing* SOL Assessments.

Please email any comments or suggestions for improving this manual to: student_assessment@doe.virginia.gov

Appendix A

Test Security

<i>2015-2016 School Division Personnel Test Security Agreement</i>	<i>57</i>
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APPENDIX A STANDARDS OF LEARNING (SOL) ASSESSMENTS

2015-2016 SCHOOL DIVISION PERSONNEL TEST SECURITY AGREEMENT

The *School Division Personnel Test Security Agreement* that follows should be read and understood by all school division personnel. All individuals who may be exposed to secure test items and those involved in the administration of Virginia Standards of Learning (SOL) Assessments (including but not limited to Examiners, Proctors, Interpreters and Scribes) **MUST** read, understand, and agree to adhere to the following:

1. Students must never be exposed to unreleased (secure)¹ test items (except while completing an official SOL test attempt) or exposed to answers to secure test items. **Using secure test items in any form (including reworded test items) at anytime is a violation of test security.** If in doubt whether test items are secure, contact your Division Director of Testing for assistance.
2. All persons are prohibited from providing students with answers to secure test items, suggesting how to respond to secure test items, or influencing student responses to secure test items. Prohibited actions include but are not limited to the following: providing clues or hints, providing reminders of content or testing strategies, prompting students to correct or check/recheck specific responses, permitting access to curricular materials (e.g., textbooks, notes, review materials, bulletin boards, posters, charts, maps, timelines, etc.) or using voice inflection, facial gestures, pointing, gesturing, tapping or other actions to indicate a response or accuracy of a student's response.
3. Examiners should be in possession of secure test materials only on the day they are administering a test and only for the specific test being administered. For the paper SOL *Writing* tests only, Examiners are not permitted to open sealed packages of prompts more than 30 minutes before the administration of the short-paper component.
4. Reading or reviewing any part of a secure test (e.g., test items, answer options, passages, pictures, diagrams, charts, maps, etc.) before, during, or after the test administration is a violation of test security unless an Examiner is reading the test items as part of an accommodation (e.g., read-aloud, interpretation/transliteration, etc.) or is reviewing the test items in preparation for providing that accommodation.
5. Any Login IDs and passwords issued for the administration of Virginia SOL Assessments are secure and must remain confidential.
6. Logging into or navigating throughout a secure online test by anyone except the student whose name appears on the Student Authorization Ticket is a violation of test security. Any exceptions to this must first be authorized by the Virginia Department of Education through the Division Director of Testing.
7. Capturing **ALL OR ANY PART** of a secure test is a **violation of test security**. Prohibited actions include but are not limited to copying, photographing, recording, outlining, or summarizing test content or details regarding the secure test content. Any exceptions to this must first be authorized by the Virginia Department of Education through the Division Director of Testing.
8. All SOL tests must be administered strictly in accordance with the instructions provided in the SOL test manuals. This includes but is not limited to adhering to procedures for the handling, distribution and use of test materials and test manipulatives, adhering to specific requirements associated with test accommodations (e.g., read-aloud accommodation, dictation to scribe, etc.), and reading all SOL test directions to students exactly as written. SOL test directions must not be paraphrased, altered, or expanded without prior authorization from the Virginia Department of Education through the Division Director of Testing unless the Examiner's manual allows flexibility in providing specific directions.
9. Sample items are included at the beginning of each SOL test and are the only items on the SOL test that may be used with students to review, as directed in the Examiner's Manual, test item format and procedures for indicating responses. Students should also be provided with opportunities prior to the day of their test administration to become familiar with SOL test item formats and how to indicate responses. Resources such as SOL Practice Items are available for these purposes on the Virginia Department of Education Web site.
10. All persons are prohibited from attempting to formally or informally score secure SOL tests or individual test items. Prohibited actions include but are not limited to creating an answer key, reviewing or scoring a student's SOL item response or responses, reviewing or scoring student scratch paper, or tracking student performance on test items.
11. All persons are prohibited from altering, in any manner, student responses to secure SOL test items. Prohibited actions include but are not limited to erasing or deleting student responses, changing student responses, or providing responses to items left unanswered or partially unanswered.

¹ SOL test items remain secure before, during, and after all test administrations until such time that the Virginia Department of Education publishes the test item on its Web site as released. The end of a test administration does NOT indicate secure SOL test items are released.

2015-2016 SCHOOL DIVISION PERSONNEL TEST SECURITY AGREEMENT

Complete the following prior to participating in any SOL test administration activities involving secure test materials:

Check Test Administration: ☐ **Fall 2015** ☐ **Spring 2016** ☐ **Summer 2016**

I acknowledge that I will have access to the Standards of Learning (SOL) Assessments for the purpose of administering an SOL test. I also acknowledge that I have read, understand, and agree to adhere to all elements of the *School Division Personnel Test Security Agreement* and the following:

1. I have read the legislation passed by the Virginia General Assembly (§ 22.1–19.1 Action for violations of test security procedures and § 22.1–292.1 Violation of test security procedures: revocation of license).
2. I understand that if test security procedures are not followed, my license may be suspended or revoked and/or I may be assessed a civil penalty for each violation.
3. All known or suspected violations of SOL test security shall be reported to appropriate school division personnel or to the Virginia Department of Education. To contact the Virginia Department of Education to report a known or suspected violation, call student assessment staff at (804) 225-2102, or mail details to Division of Student Assessment and School Improvement, Virginia Department of Education, P.O. Box 2120, Richmond, VA 23218-2120.

Please be sure to sign and return the *School Division Personnel Test Security Agreement* to the appropriate test administrator before participating in any SOL test administration activities involving secure test materials.

Signed:	Print Name:
Position:	Date:
School:	Division:

Page 1 and page 2 of this document should be photocopied.

Appendix A, continued

Please read legislation passed by the Virginia General Assembly (§ 22.1–19.1 Actions for violations of test security procedures and § 22.1–292.1 Violation of test security procedures: revocation of license) regarding the repercussions of violating test security.

§ 22.1-19.1. Action for violations of test security procedures.

A. The Office of the Attorney General, on behalf of the Board of Education, may bring a cause of action in the circuit court having jurisdiction where the person resides or where the act occurred for injunctive relief, civil penalty, or both, against any person who knowingly and willfully commits any of the following acts related to secure mandatory tests required by the Board to be administered to students:

1. Permitting unauthorized access to secure test questions prior to testing;
2. Copying or reproducing all or any portion of any secure test booklet;
3. Divulging the contents of any portion of a secure test;
4. Altering test materials or examinees' responses in any way;
5. Creating or making available answer keys to secure tests;
6. Making a false certification on the test security form established by the Department of Education;
7. Excluding students from testing who are required to be assessed; or
8. Participating in, directing, aiding or abetting, or assisting in any of the acts prohibited in this section.

For the purpose of this subsection, “secure” means an item, question, or test that has not been made publicly available by the Department of Education.

B. Nothing in this section may be construed to prohibit or restrict the reasonable and necessary actions of the Board of Education, Superintendent of Public Instruction or the Department of Education or their agents or employees engaged in test development or selection, test form construction, standard setting, test scoring, reporting test scores, or any other related activities which, in the judgment of the Superintendent of Public Instruction or Board of Education, are necessary and appropriate.

C. Any person who violates any provisions of this section may be assessed a civil penalty not to exceed \$1,000 for each violation. Furthermore, any person whose administrative or teaching license has been suspended or revoked pursuant to § 22.1-292.1 may be assessed a civil penalty for the same violation under this section and the reasonable costs of any review or investigation of a violation of test security.

All civil penalties paid to the Commonwealth pursuant to this section shall be deposited into the Literary Fund.

D. For the purpose of this section, “person” shall not mean a student enrolled in a public school.

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Appendix A, continued

Please read legislation passed by the Virginia General Assembly (§ 22.1–19.1 Actions for violations of test security procedures and § 22.1–292.1 Violation of test security procedures: revocation of license) regarding the repercussions of violating test security.

§ 22.1-292.1. Violation of test security procedures; revocation of license.

A. The Board of Education may suspend or revoke the administrative or teaching license it has issued to any person who knowingly and willfully commits any of the following acts related to secure mandatory tests administered to students as required by this title or by the Board of Education:

1. Giving unauthorized access to secure test questions;
2. Copying or reproducing all or any portion of any secure test booklet;
3. Divulging the contents of any portion of a secure test;
4. Coaching or assisting examinees during testing or altering test materials or examinees' responses in any way;
5. Making available any answer keys;
6. Failing to follow test security procedures established by the Department of Education;
7. Providing a false certification on any test security form required by the Department of Education;
8. Retaining a copy of secure test questions;
9. Excluding students from testing who are required to be assessed; or
10. Participating in, directing, aiding, assisting in, or encouraging any of the acts prohibited by this section.

For the purposes of this section, “secure test” means an item, question, or test that has not been made publicly available by the Department of Education.

Nothing in this section shall be construed to prohibit educational personnel from providing input to administrators or other authorized personnel, including school board members and members of the General Assembly, except when done in a manner that violates test integrity or security regarding the accuracy, clarity, or propriety of test items or test administration procedures.

B. Nothing in this section shall be construed to prohibit or restrict the reasonable and necessary actions of the Board of Education, the Superintendent of Public Instruction, or the Department of Education in test development or selection, test form construction, standard setting, test scoring and reporting, or any other related activities which, in the judgment of the Superintendent of Public Instruction or the Board of Education, are necessary and appropriate.

C. Any suspension or revocation imposed for the acts enumerated in this section shall be rendered pursuant to Board regulations promulgated pursuant to the Administrative Process Act (§ 2.2-4000 et seq.) and § 22.1-298.1, governing the licensure of teachers.

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Appendix A, continued

STANDARDS OF LEARNING (SOL) ASSESSMENTS
SPRING 2016 NON-WRITING TESTS

SCHOOL AFFIDAVIT

Division Name: _____

School Name: _____

After testing in this school building has been completed for this administration, the school affidavit must be signed and dated by the school test coordinator (STC) and the building principal. Return this form to the Division Director of Testing (DDOT) who must keep the signed school affidavits on file.

SCHOOL AFFIDAVIT (choose one)

Violations of the *School Division Personnel Test Security Agreement*. Choose one only:

☐ I certify that, to my knowledge, no one in the school building has violated the *School Division Personnel Test Security Agreement*.

OR

☐ I certify that I am aware of a violation(s) of the *School Division Personnel Test Security Agreement* in this school building. The violation(s) has been reported to the Division Director of Testing.

Return of secure testing materials for paper tests. Choose one only:

☐ All secure testing materials for paper tests have been returned to the Division Director of Testing as directed.

OR

☐ A testing irregularity has been filed with the Division Director of Testing regarding the secure paper test materials that were lost or destroyed. All other secure testing materials, received from the Division Director of Testing, have been returned.

OR

☐ Our School did not receive or administer any paper tests.

STC's Name (printed or typed):	STC's Signature:	Date:
Building Principal's Name (printed or typed):	Building Principal's Signature:	Date:

The STC may keep a copy of the completed form for the school files.

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Appendix A, continued

STANDARDS OF LEARNING (SOL) ASSESSMENTS
2015-2016 NON-WRITING TESTS

SCHOOL DIVISION TEST SECURITY AGREEMENT

NOTE: The 2015-2016 SOL *Non-Writing Tests School Division Test Security Agreement* covers the Fall 2015, Spring 2016, and Summer 2016 *Non-Writing* administrations; therefore, it must be submitted only one time annually, when the division is first scheduled to administer *Non-Writing* tests, either the fall or spring.

Fax this Division Test Security Agreement no later than by the Friday before the first week of the division's testing window.

TO: Pearson
Virginia Assessment Program
Fax 1-319-358-4298

The Virginia school division _____ (School Division Name)
acknowledges that the Fall 2015, Spring 2016, and Summer 2016 SOL *Non-Writing* Assessments are secure tests and agrees to the following to ensure test security:

1. The school division will take all necessary precautions to safeguard all secure test materials by limiting access to persons within the school division with a responsible, professional interest in the tests' security.
2. All persons having access to secure test materials (other than students to whom the test is administered) will read the legislation passed by the Virginia General Assembly (§ 22.1–19.1 Actions for violations of test security procedures and § 22.1–292.1 Violation of test security procedures: revocation of license), will read and sign the *School Division Personnel Test Security Agreement*, complete and sign affidavits and transmittal forms as directed in the *Test Implementation Manual*, and will observe all other security-related procedures established and required by the Virginia Department of Education. Copies of all completed and signed security agreements, transmittal forms, and affidavits will be kept on file by the Division Director of Testing.
3. Student Authorization Tickets, Proctor Authorization Tickets, and Seal Codes will be printed no more than 96 hours (4 school days) prior to the test session start date. Secure paper test materials including test booklets, and audio/special forms kits, will be delivered to schools no earlier than 96 hours (4 school days) prior to the date of testing. School Test Coordinators will deliver the secure materials to Examiners no sooner than the date of testing.
4. In no case will students be permitted to remove test materials from the testing location.
5. The school division will take all necessary precautions to ensure that students' responses are not altered in any way.
6. Upon completion of testing, the school division will ensure proper disposition of all test materials as directed in the *Test Implementation Manual*.

By signing this document, I am assuring the Virginia Department of Education and Pearson that I, and anyone having access to the SOL test materials, will abide by the above conditions.

Signature:		
Title:	Division Director of Testing	Division Superintendent
Date:		

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Appendix A, continued

STANDARDS OF LEARNING (SOL) ASSESSMENTS
SPRING 2016 NON-WRITING TESTS

SCHOOL DIVISION AFFIDAVIT

Directions: The School Division Affidavit must be submitted at the end of this test administration.
Scan and email this affidavit no later than four weeks after the end of the division testing window.

TO: Virginia Department of Education
Office of Test Administration, Scoring, and Reporting
Email: Student_Assessment@doe.virginia.gov

School Division Name: _____

The School Division Affidavit must be signed and dated by the Division Director of Testing (DDOT) and the school division Superintendent.

SCHOOL DIVISION AFFIDAVIT (choose one)

Violations of the *School Division Personnel Test Security Agreement*. Choose one only:

☐ I certify that, to my knowledge, no one in the school division has violated the *School Division Personnel Test Security Agreement*.

OR

☐ I certify that I am aware of a violation(s) of the *School Division Personnel Test Security Agreement*. The violation(s) has been reported to the Virginia Department of Education Office of Test Administration, Scoring, and Reporting.

Return of secure testing materials for paper tests. Choose one only:

☐ All secure testing materials for paper tests, received from Pearson, have been returned to Pearson as directed.

OR

☐ A testing irregularity has been filed with the Virginia Department of Education regarding the secure paper test materials that were lost or destroyed. All other secure testing materials, received from Pearson, have been returned.

OR

☐ Our School Division did not order any paper tests.

DDOT Name (printed or typed):	DDOT's Signature:	Date:
Division Superintendent Name (printed or typed):	Division Superintendent's Signature:	Date:

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Appendix B

<i>Test Ticket Transmittal Form and Affidavit for Examiners/Proctors.....</i>	<i>67</i>
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APPENDIX B

TEST TICKET TRANSMITTAL FORM AND AFFIDAVIT FOR EXAMINERS/PROCTORS

Spring 2016 *Non-Writing* Test Administration

Division Name: _____ School Name: _____

Date: _____

Directions: Use this transmittal form to track and verify the distribution of Student/Proctor Authorization tickets. After testing has been completed, each Examiner/Proctor and all individuals who administered a Virginia Standards of Learning (SOL) Assessment must read and affirm the statement in the Affidavit column.

Examiner's Name (Proctor's Name)	Quantity of Test Tickets Issued to Examiner/Proctor	Examiner's initials (Proctor's initials) verifying receipt of the secure test tickets.	STC Initials verifying return of the secure test tickets.	Examiner's/Proctor's Affidavit My signature below affirms, I administered the Standards of Learning Assessment(s) according to the <i>School Division Personnel Test Security Agreement.</i>

STANDARDS OF LEARNING (SOL) ASSESSMENTS

GUIDELINES FOR RECORDING A TEST SESSION

Some special test accommodations require that the test administration be audio and/or video recorded or proctored. These accommodations include but are not limited to:

- Read-Aloud test administration, dictation to a scribe, interpreting/transliterating
- Student responds verbally, points, uses a communication board

For more information on which test sessions must be recorded or proctored, please refer to the Special Test Accommodations section found in the appendices of the *Test Implementation Manuals (TIM)* and the *Examiner's Manuals*.

Using a Proctor

The VDOE recommends that a proctor be present with the examiner during all recorded sessions to avoid possible retesting in the event of technological failure. If the session is proctored, the Proctor must verify in writing that the test administration was conducted according to the standardized procedures. This written verification must be retained on file and secure in the office of the DDOT until after scores have been received and verified, and Authorization to Proceed (ATP) is approved for that test administration. For additional details, see the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions* available on the next page.

Recording Devices

Test sessions may be audio/video recorded using the following types of devices:

Tape recorder, handheld digital recorder, micro-cassette recorder, or a PC, laptop, or netbook with recording capabilities.

Storing Devices

All recorded test sessions must be securely stored on one of the following types of devices/media:

Encrypted flash drive, CD, DVD, audiotape, videotape, or floppy disk. When saving the audio/video file, VDOE recommends the use of a naming convention that allows easy identification of the specific student, test, and form number.

Maintain Security

All recordings of test sessions are considered secure test materials and must be stored by the DDOT in a secure (locked) location until scores are received and verified, and Authorization to Proceed (ATP) is approved for that test administration. If a digital recording is created, the digital file must not remain on any technology equipment or media that is readily accessible to the general school population and/or public, including, but not limited to, teachers, students, paraprofessionals, custodial staff, library/media staff, building administrators, and parents. Once the scores are received and verified, the audio files should be securely destroyed following your division's policy as directed by your Division Director of Testing.

Training

Examiners and Proctors should be trained prior to testing on the use of the recording technology to be used during the test session. The training should include opportunities for the examiner and proctor to have hands-on practice with the recording hardware, software, and/or storage device/medium. Training should include procedures for handling technical difficulties should they arise. The STC should keep a record of staff trained, date of training, and topics covered.

Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions

Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions							
Division Name _____		School Name _____		Test Date _____			
Use this form to document test booklets/test tickets, recording hardware, storage devices/media, and affidavits for Examiners and Proctors for recorded test sessions.							
Directions for School Test Coordinators				<p>Examiner's Affidavit. After testing is complete have each examiner read the following statement and sign the Examiner's Affidavit column certifying the following:</p> <p>My signature below affirms, I administered the Standards of Learning Assessment(s) according to the <i>School Division Personnel Test Security Agreement</i></p>			
1. List the test name 2. Enter quantity of test booklets/tickets issued (student and examiner copies). 3. List the type of hardware used to conduct the recording, such as tape recorder, laptop, PC, digital recorder. 4. List the device/medium used to store the session, such as audiotape, flash-drive, CD, DVD, floppy disk. 5. Examiners initial the "OUT" column verifying the receipt of the test booklets/test tickets, audio storage device/medium, and/or audio recording equipment from the STC. 6. STCs initial the "IN" column verifying the receipt of the test booklets/test tickets, audio storage device/medium, and/or audio recording equipment from the Examiner. 7. After testing, Examiner reads and signs Examiner's Affidavit. 8. After testing, if applicable, Proctor reads and signs Proctor's Affidavit.							
Test Name	(2) Test Booklet or Test Ticket Quantity	(3) Type of Hardware Used to Record Session	(4) Type of Storage Medium	(5) OUT Examiner's Initials	(6) IN STC's Initials	(7) Examiner's Affidavit Examiner is to sign only after reading the statement above. Examiner's Signature:	(8) Proctor's Affidavit (if applicable) Proctor is certifying: The test administration was conducted according to the standardized procedures. Proctor's Signature:

Appendix B, continued**Virginia Assessment Program
Interpreter's Affidavit**

Directions: The interpreter should complete a separate form and read and sign an affidavit for each student who received interpretation services. All signed affidavits for the SOL and/or VMAST assessments must be securely maintained in the Office of the Division Director of Testing. Signed affidavits for the VAAP, VGLA, and VSEP must be included in the student's collection of work.

Student Receiving Interpretation Services

Student Name	State Testing Identifier	Grade Level
School Name	Division Name	

Test(s) Interpreted:

Test Administration (check one only): ☐ Fall 2015 ☐ Spring 2016 ☐ Summer 2016

Test Type (check all that apply): ☐ SOL ☐ VMAST ☐ VAAP ☐ VGLA ☐ VSEP

Content Area(s) (check all that apply):

- | | |
|---|---|
| <input type="checkbox"/> History/Social Science | <input type="checkbox"/> Mathematics |
| <input type="checkbox"/> Reading | <input type="checkbox"/> Science <input type="checkbox"/> Writing |

Interpreter's Affidavit

My signature below affirms:

I have:

- provided interpretation services for the student on the assessment (noted above) in an appropriate and professional manner according to the *School Division Personnel Test Security Agreement*.
- maintained confidentiality of the student's responses.

I have not:

- provided hints, clueing, prompting or any other type of inappropriate assistance that would give the student answers to assessment items or provide an unfair advantage.
- fabricated, altered, or modified student responses or evidence in any way.

Signed	Print Name
Position	Date
School	Division

Appendix C

Special Testing Accommodations

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APPENDIX C STANDARDS OF LEARNING ASSESSMENTS

TESTING CONDITION ADJUSTMENTS AVAILABLE TO ALL STUDENTS

The following adjustments to the conditions under which an SOL test may be administered are available to any student as needed.

Adjustment to Testing Conditions	Examples/Guidance
Group size	Students may be tested individually or in small groups with the size of the group determined by the STC.
Environmental modifications	Students may be tested with modifications to the environment to include amount or type of lighting, noise buffers, and/or the use of a study carrel. The student may not be issued any kind of accessory to modify the environment. Such accessories include but are not limited to: head phones, ear plugs, ticking clocks, egg timers, stress balls, toys, music or “soothing” sounds during testing.
Large diameter pencil, pencil grip	If a large pencil is used on a paper answer document, it must contain #2 lead.
Assistance with directions	Examiners may simplify or clarify the “SAY” directions which are read to students that explain how to take the test. These directions are in the <i>Examiner’s Manuals</i> , and their <i>Supplements</i> . Examiners/Proctors may <u>not</u> provide assistance with directions for test items that are within the student’s test.
Student reading his/her own test out loud	For any student who needs to hear himself or herself read aloud, the student can be tested individually. The student can then read the test aloud without interaction from the Examiner. The student may not be issued any kind of accessory including but not limited to a “whisper phone” or recording/playback device.

STANDARDS OF LEARNING ASSESSMENTS

SPECIAL TESTING ACCOMMODATIONS

Before testing, the Examiner should become familiar with special testing accommodations specified in students' IEPs, 504 Plans, or Limited English Proficient (LEP) Student Assessment Participation Plans. Additionally, special testing accommodations may be provided to students with a documented temporary condition who do not have an IEP or 504 Plan. The Examiner should coordinate with the STC to determine how special testing accommodations will be provided during the testing session. Consult the resources listed below:

- *Students with Disabilities: Guidelines for Assessment Participation*
- *Students with Disabilities: Guidelines for Special Test Accommodations*
- *Limited English Proficient Students: Guidelines for Participation in the Virginia Assessment Program*
- *Guidelines for Administering the Read-Aloud Accommodation for Standards of Learning Assessments*
- *Explanation of Testing Accommodations for Students with Disabilities-Math Aids-Accommodation Code 19*
- *Explanation of Testing Accommodations for Students with Disabilities-Assistive Technology Accommodations*

These and other resources are located on the Virginia Department of Education Web site at:

www.doe.virginia.gov/testing/participation/index.shtml

Paper Test Format

All students are required to take the online version of the Standards of Learning (SOL) tests with the exception of students who meet one of the criteria for paper testing. Those criteria are listed below:

- The student attends school in a location where a secure network connection or the required technology is not available to access an online test. Such locations include the following: special situations schools; homebound, residential, or hospital placement; night school or Governor's school.
- The accommodation specified in the student's IEP, 504 Plan, or LEP Student Assessment Participation Plan requires a paper test. Accommodations requiring a paper test include large-print test, braille test, and a flexible schedule that requires multiple testing sessions over two or more school days.
- The student has a documented medical condition, such as a seizure disorder, where exposure to a computer will aggravate the student's condition.
- The student's eligibility for paper tests has been established using the *Documentation of Need for Paper Standards of Learning (SOL) Assessment* form (available from the DDOT). The form documents that the use of paper tests is intended only to provide access to the SOL assessments for the following students:
 - Students with disabilities who require other accommodations that necessitate a paper test.
 - Students with medical conditions that render them unable to take an online test.

The use of paper tests may not be permitted for the purpose of improving performance.

Additional materials required for testing accommodations

Some accommodations require additional materials and supplies for test administration. It is important to identify these materials or devices prior to testing. For example: Examiners conducting a paper test read-aloud administration **MUST** ensure that the test booklets used have IDENTICAL form numbers so that the Examiner and student(s) are viewing the same test items. Examiners conducting an online read-aloud administration should use a proctor authorization ticket on their own workstation to log in and access the identical online form number the student(s) are viewing on their workstations. Some special test accommodations require that the test administration be recorded (audio or audio and video recorded) or proctored; therefore, an appropriate recording device must be used. Students taking an audio test will require head phones (for online and paper tests) and a CD player (for paper tests). Other students may require magnification aids, spelling aids, math aids, a braillewriter, a calculator, etc., depending on what is specified in the student's IEP, 504 Plan, or Limited English Proficient (LEP) Student Assessment Participation Plan.

Appendix C, continued

Selection of Testing Accommodations for Students with Disabilities

Staff who administer Standards of Learning Assessments to students with disabilities should be familiar with this manual as well as the documents listed on the previous page.

Accommodations are commonly placed in the four categories noted below:

<p>Timing/Scheduling Accommodations</p> <p>Adjust the scheduling of a test:</p> <ul style="list-style-type: none"> • time of day • planned breaks during test * • flexible schedule (multiple test sessions) * • order of tests administration 	<p>Setting Accommodations</p> <p>Adjust the place in which the testing normally occurs:</p> <ul style="list-style-type: none"> • individual testing¹ (one-on-one) • special lighting • adaptive or special furniture • test administered in locations with minimal distractions • hospital/home/non-school setting
<p>Presentation Accommodations¹</p> <p>Adjust the presentation of test material and/or test directions:</p> <ul style="list-style-type: none"> • visual aids * (e.g., interactive/electronic whiteboard, colored overlay, tinted screen, magnifying glass, large monitor, screen magnifier, graphic organizers, templates, masks or markers to maintain place) • amplification equipment (e.g., auditory trainer, whisper phone) • large-print test * • braille test * • Plain English version of a <i>Mathematics</i> test • reading directions to students • written directions accompanying oral directions * • reading of test items aloud * • audio version of test items * • interpreting/transliterating directions (e.g., sign language, cued speech) * • interpreting/transliterating test items (e.g., sign language, cued speech) * • specific verbal prompts * 	<p>Response Accommodations¹</p> <p>Adjust the manner in which students respond to or answer test items:</p> <ul style="list-style-type: none"> • enlarged copy of the answer document * • Examiner records responses * • augmentative communication device * • communication board or choice cards * • braille * • word processor or word processor with speech-to-text * • spelling aids * • English dictionary * • dictation using a recording device • dictation to a scribe * • read back student response * • word prediction software * • calculator or arithmetic tables * • math aids * • calculator with additional functions * • dry erase board * • additional markers, highlighters, colored pens, and/or pencils *

NOTE: Special procedures are provided on the following pages for each of the accommodations marked with an asterisk (*). Staff administering SOL Assessments to eligible students with these accommodations must be familiar with this information.

¹ When using accommodations where the student is speaking aloud, where the computer provides auditory output through external speakers, or where there is interaction between the student and the Examiner, the student must be tested individually.

Timing/Scheduling Accommodation

- **Flexible Schedule (accommodation code 1)
(breaks and multiple test sessions)**

The SOL tests are untimed, but ample time should be allotted for all students to complete the test prior to the end of the scheduled school day. Some students, for example, may be unable to concentrate for a long period of time, have short attention spans, or have a disability that affects stamina. Establishing breaks or scheduling the test over two or more school days may be appropriate for these students.

Students who require breaks, but not multiple test sessions, must complete the test in one school day. The schedule for breaks must be determined prior to testing and be based on the routine use of scheduled breaks during classroom assessment. The Test Examiner and School Test Coordinator should work together to establish the procedure for notifying the student to begin and end a break during testing. Breaks are available for either online or paper tests. The break(s) must be supervised. Test security must be maintained at all times during the break(s). The student must not be allowed to discuss the test in any way, must not have access to any educational materials or electronic devices during the break(s), and must not disrupt other students who are continuing to test.

Also for test security, the student's test materials must not be accessible or viewable by other students or by school personnel during the break(s). If the student is testing online, the student should either be *Exited* from the online test or, if the testing room will be securely maintained, the computer monitor could be turned off prior to the break(s) to maintain test security. If the student *Exits* the test, his/her test must be *Resumed* on the Session Details screen in PearsonAccess and the student must log back into TestNav using his/her Student Authorization ticket. If the computer monitor was turned off and the student did not *Exit*, the student must return to the same workstation and turn the monitor back on to continue testing.

At this time, students who require multiple test sessions, when the test will be completed in two or more school days, must be administered a paper test. Care must be taken to ensure that the student is exposed only to those test items in the portion of the test that he/she is attempting that day. Previously completed items and items not yet accessed must be sealed to prevent accidental exposure to the student. The short-paper component of the *Writing* assessment must be completed in one school day and does not qualify for multiple test sessions; however, the student may be given breaks under secure conditions. As the SOL tests transition to a Computer Adaptive Testing (CAT) model it may be possible for eligible students taking a CAT test to be tested over two days. Should this become possible, school divisions will be notified about the procedures to be followed.

Presentation Accommodations

Before attempting an SOL test, all students should be familiar with how their test will be presented (e.g., with visual aids, with audio etc.) Familiarity with the test presentation or test format is best provided as part of regular instruction well in advance of the actual test administration.

- **Written Directions Accompanying Oral Directions (accommodation code not required)**

The student may receive a copy of the bold, "**SAY**," written directions from the *Examiner's Manual/Supplement to the Examiner's Manual*. Written directions must be identical to those provided in the *Examiner's Manuals* or their *Supplements*. The entire testing session must be audio/video recorded or proctored. The audio/video record shall be retained on file and secured in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

- **Specific Verbal Prompts (accommodation code 20)**

The Examiner is permitted to use specific verbal prompts to help students with disabilities remain focused on completing the SOL assessment. The following statements are the only prompts that may be used with students during SOL tests:

"Please continue with your test."

"Keep working."

"Keep going."

"Focus."

“Stay focused.”

The IEP Team or 504 Committee must select from these five phrases to choose the specific verbal prompt(s) which will be used. The specific verbal prompt(s) selected must be documented in the IEP or 504 Plan. All other verbal prompts must be approved by the Virginia Department of Education using the *Special Assessment Accommodation Request* form before the prompts are used on any SOL tests.

The student must be assessed individually to ensure that other test takers are not distracted.

The test session must be recorded or proctored. The audio/video record of the session shall be retained on file and secured in the office of the Division Director of Testing until scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

NOTE: The paper answer document does not list accommodation code 20. If this accommodation is used, this test code must be applied to the student's completed test record in PearsonAccess.

- **Visual Aids (accommodation code 4)**

Visual aids can include:

- Magnification. For test security, school staff must ensure that assessment items are not visible to others. This may require windows to be covered and/or individualized testing.
 - Physical magnification devices such as a magnifying glass or screen magnifier which is placed over the monitor for visually impaired students.
 - Electronic magnification devices such as a closed-circuit television (CCTV), a large monitor, an interactive or electronic whiteboard, or a LCD projector which projects the assessment onto a large screen or board may be used for magnification purposes only for visually impaired students. These magnification devices must not save or capture any portion of the SOL test or use software running concurrently with TestNav.
- Color overlays or tinted screens. A student may use only one blank color overlay. Prior to the assessment session, the Examiner must use practice tests to verify that the color overlay or the tinted screen does not obscure any shaded areas of online test items.
- Templates (or masks) that allow a student to see one word, sentence, or line of print at a time, and markers that allow the student to maintain his/her place are available with a paper test only.
- Blank graphic organizers which must not contain directions, words, letters, numbers, symbols, color coding, or text of any kind.
- Template Software must produce only blank templates which may be used electronically or in print and which must not contain directions, words, letters, numbers, symbols, color coding, or text of any kind. Template libraries, hyperlink functions and access to the Internet must be disabled and the software must be used on a separate computer from the online test.

- **Large-Print Test (accommodation code 6)
(Available with paper tests only)**

Large-print tests are available only to students with disabilities as documented in the IEP or 504 Plan. A copy of the large-print test is provided in regular print to Test Examiners or Proctors administering the large-print test.

- **Braille Test (accommodation code 9)
(Available with paper tests only)**

A copy of the braille test is provided in regular print to Test Examiners or Proctors administering the braille test.

- **Guidance for Using the Online Audio Test Accommodation for Students with Disabilities**

In the past, school divisions have been told that students should not use accommodations during testing unless they used the same accommodation during classroom instruction and assessments. Since it would be very difficult for school divisions to provide an online audio accommodation during instruction, the following guidelines have been established to provide clarification as to the circumstances under which a student could be provided with an online audio accommodation during testing.

- The IEP Team or 504 Committee must determine whether the read-aloud accommodation administered by a Test Examiner or the online audio accommodation is the more appropriate accommodation delivery method for online testing. It is particularly important that the parent agrees to the delivery method and that the decision is clearly documented in the IEP or 504 Plan.
- The online audio accommodation on the SOL test may be provided to students who typically have a read-aloud accommodation during instruction or to those who use audiocassettes/CDs or text readers in the classroom.
- If the IEP Team or 504 Committee determines that the online audio accommodation is the more appropriate accommodation, the student should have practice with audio Practice Items available on the Virginia Department of Education's Web site at:

www.doe.virginia.gov/testing/sol/practice_items/index.shtml

or an audio training test available in PearsonAccess Training Center.

- **Reading of Test Items Aloud—Information for all Assessments**

When reading the tests aloud, the Examiner must be careful not to lead the student to the correct answer by intonation or to repeat any part of the test which is not specifically requested by the student. In particular, care must be taken to describe graphics without leading the student to the correct response. The Examiner should be familiar with how to read test items to students. Examiners may use the PearsonAccess Training Center practice tests in audio format and audio Practice Items to hear how tests should be read aloud and to practice reading types of test items. In order to provide the student multi-sensory stimulation, the student must be provided the regular print, large-print, braille, or online version of the test to follow along as the Examiner reads. Test items must be read in English. For more detailed information, refer to *Guidelines for Administering the Read-Aloud Accommodation for the Standards of Learning Assessments* at:

www.doe.virginia.gov/testing/participation/guidelines_read_aloud.pdf

All read-aloud administrations must be recorded or proctored throughout the entire read-aloud test administration. If the session is recorded, the audio record of the entire testing session must be retained on file and secured in the office of the Division Director of Testing until scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

- **Read-Aloud Accommodation on *Mathematics, Science, History/Social Science, and Writing* Assessments (accommodation code 10)**

The read-aloud accommodation for *Mathematics, Science, History/Social Science, and Writing* assessments is allowed for students with disabilities as specified in the IEP or 504 Plan. Special attention must be given to the IEP or 504 Plan for specific accommodations regarding reading the test aloud. For example, a student's accommodation may require the entire test to be read orally or may require having words, questions, or sentences read orally only when requested by the student.

- **Read-Aloud Accommodation on the *Reading* Assessment (accommodation code 14)**

The read-aloud accommodation on the statewide *Reading* assessments is allowed only for students with a visual impairment, including blindness, and those students with a specific disability that severely limits or prevents them from decoding text at any level of difficulty as determined by a diagnostic tool or instrument that was administered by a qualified professional. Students with disabilities who are simply having difficulty reading text and/or are reading below grade-level are not allowed the read-aloud accommodation on the statewide *Reading* assessments. All read-aloud sessions must be recorded or proctored by a second staff member. For more details about recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

NOTE: For the EOC *Reading* test, under certain circumstances students with disabilities may receive the read-aloud accommodation (accommodation code 14) even though the student has not been determined as eligible by the school division according to the criteria required for the read-aloud accommodation on the *Reading* Assessment. To qualify, the student must meet all of the following criteria:

- the student is retaking the EOC *Reading* test, having failed the previous attempt(s) without using

- the read-aloud or audio accommodation; and
- the student's IEP/504 Plan lists the read-aloud or audio accommodation for other tests; and
- the student receives the read-aloud or audio accommodation in the classroom.

The read-aloud accommodation on the EOC *Reading* test will be considered a non-standard accommodation (accommodation code B). In addition to marking the student's test with accommodation codes 14 and B, the test must be marked as retest on the Student Test Details screen in PearsonAccess.

NOTE: If a student passes the EOC *Reading* test using a non-standard accommodation, the student is considered to have passed for the purpose of earning a verified credit toward graduation.

- **Read-Aloud Test Sessions Online—Setup**

NOTE: The following guidelines do not apply to Computer Adaptive Tests.

Examiners who will be reading an online test aloud to students who require this accommodation will be given access to an online test to be viewed on the Examiner's workstation only, through the use of an Examiner Authorization ticket. This online test will not be scored or reported in the online system. Access to the test is being provided to allow the Examiner to read the questions and answer options to the student(s) on a computer monitor that is not part of a student's workstation. Divisions will have the capability of printing the Examiner's test ticket after the read-aloud session has been created. Directions for the DDOT and/or STC for creating read-aloud sessions are as follows:

- To create read-aloud test sessions, select "yes" from the drop-down box on the New Test Session screen. A read-aloud session will be indicated on the New Test Session screen.
- Select the *Authorizations* button to view the Examiner Authorization ticket. Selecting this button will display the Examiner's test ticket. This ticket should be printed on colored paper to differentiate it from the students' test tickets and kept secure until the day of testing. The Examiner Authorization ticket should be printed no more than 4 days prior to the start of a test session.
- The Examiner Authorization ticket is not valid until the test session is started, and it will remain active until the test session is stopped. Unlike the students' online tests, the Examiner may exit the test and log back into the test using the login information on the ticket without resuming the test. Because of this, Examiner Authorization tickets are highly secure materials and must be kept secure until the test session is in STOPPED status. It is imperative that read-aloud test sessions are stopped immediately after the test session is complete. All read-aloud administrations must be audio recorded or proctored.
- Student and Examiner test tickets are generated based on the form group type designated when the session is created. ALL students in the session will receive the same form. Any student needing a form different from the rest of the session must be removed from the session and placed in a new test session set up with that form group type.
- **For Grades 3-5 Reading and Grades 4 and 5 Mathematics SOL tests when the second section is to be completed on another day:** Day 1: At the conclusion of the first section, all students listed in the session must be moved to a new, not-started session. The students who completed Section 1 must be in Exited or *Resumed* status; absent students should be moved to a make-up session and will remain in ready status. Then the empty first session must be stopped. Day 2: Prior to starting the new session for the 2nd section of the test, new Student and Examiner authorizations must be printed. Start the session on the day of testing Section 2.

The *PearsonAccess User's Guide for the Virginia Assessment Program* provides additional information about read-aloud sessions.

- **Read-Aloud Guidelines for Computer Adaptive Tests (CAT)**

Test questions presented to students on a Computer Adaptive Test are selected by the computer based on the student's response to each question. Because the selection of items is customized for each student, an Examiner/Proctor test cannot be created on a separate workstation. If the student requires a read-aloud administration of a Computer Adaptive Test, follow the Read-Aloud test guidelines in **Reading of Test Items Aloud—Information for all Assessments**, located in this Appendix, as well as all of the following:

- The test must be administered 1:1.
- The test administration must be recorded or proctored throughout the entire read-aloud test administration.

- In order to provide the student multi-sensory stimulation, the student must be seated directly in front of the computer monitor to follow along as the Examiner reads. The Examiner must sit to the side of the student and reads directly from the student's workstation.
 - Test items must be read in English.
 - Unless otherwise specified in the student's IEP/504 Plan the student will maintain control of the computer. The student will respond to each test question and be responsible for all navigation, and final submission of the test for scoring.
 - A Computer Adaptive Test cannot be reviewed prior to the test administration. Examiners may use the PearsonAccess Training Center practice tests and Practice Items in audio format to hear how test items should be read aloud.
 - The Examiner must read the test items aloud without providing any assistance. The Examiner may not: re-read the item unless requested by the student, summarize the test item, reword the test item, provide hints and clues, remind the student to use test taking strategies, or give any verbal indications or non-verbal cues about the correctness of a student's response.
- **Audio Accommodation on *Mathematics, Science, History/Social Science, and Writing* Assessments (accommodation code 11)**

The audio accommodation for *Mathematics, Science, History/Social Science, and Writing* assessments is allowed for students with disabilities as specified in the IEP or 504 Plan. The student should have instructional experience with audio, such as using audio versions of textbooks or recorded class lectures. Unless the student has experience with using audio, this accommodation may result in more difficulty than assistance. In order to provide the student multi-sensory stimulation, the student must be provided the regular print (online or paper), large-print, or braille version of the test to follow along as the audio plays.

- **Audio Accommodation on the *Reading* Assessment (accommodation code 15)**

The audio accommodation on the statewide *Reading* assessments is allowed only for students with a visual impairment, including blindness, and those students with a specific disability that severely limits or prevents them from decoding text at any level of difficulty as determined by a diagnostic tool or instrument that was administered by a qualified professional. Students with disabilities who are simply having difficulty reading text and/or are reading below grade-level are not allowed the audio accommodation on the statewide *Reading* assessments.

NOTE: For the EOC *Reading* test, under certain circumstances students with disabilities may receive the audio accommodation (accommodation code 15) on the EOC *Reading* test even though the student has not been determined as eligible by the school division according to the criteria required for the audio accommodation on the *Reading* Assessment. The student must meet all of the following criteria:

- the student is retaking the EOC *Reading* test, having failed the previous attempt(s) without using the read-aloud or audio accommodation; and
- the student's IEP/504 Plan lists the read-aloud or audio accommodation for other tests; and
- the student receives the read-aloud or audio accommodation in the classroom.

The audio accommodation on the EOC *Reading* test will be considered a non-standard accommodation (accommodation code B). In addition to marking the student's test with accommodation codes 15 and B, the test must be marked as retest on the Student Test Details screen in PearsonAccess.

NOTE: If a student passes the EOC *Reading* test using a non-standard accommodation, the student is considered to have passed for the purpose of earning a verified credit toward graduation.

- **Audio Test Sessions Online—Setup**

Before administering any online audio tests, the STC or designated technology representative should determine if your division has workstations that meet the minimum requirements for the online audio tests. Refer to the *PearsonAccess TestNav 7 Technology Guidelines Configuring Your Test Delivery Environment for Virginia* on the Support page for more information about the audio test specifications. You may access PearsonAccess at:

www.pearsonaccess.com/va

- Using the Proctor Caching functionality is strongly encouraged especially when delivering an audio form of the test. Proctor Caching allows test administrators to “pre-fetch” test content. This accelerates the delivery of test content to students and reduces the amount of bandwidth required

for online testing. Because audio files consume a large amount of bandwidth, Proctor Caching should be used when delivering an audio test to a student. For details on downloading, installing, and using Proctor Caching, refer to the *PearsonAccess Proctor Caching User's Guide*. The STC or designated technology representative should ensure that the online audio test is cached before the test session begins.

- The DDOT or STC may assign the online audio form to a student after the test session has been created. For directions on assigning the audio form, refer to the *PearsonAccess User's Guide for the Virginia Assessment Program*.
 - When administering the online audio version of a test, an audio control box will appear in the lower right of the computer screen at the first test question but AFTER the sample item(s). The box may be moved by selecting on it and dragging the box to the desired location. Students use this player to control the volume, and to pause, rewind, and advance the audio.
 - The test question and answer options will be read automatically as a student advances to each question. Students may listen to a question as many times as necessary. Only the recording for the passage and/or question on the screen will play at any given time. If several students will be tested using the online audio form in the same location, headphones must be provided for each of the students. If a student needs clarification of what was heard on the audio test, the Examiner may repeat or read anything on the screen that is requested by the student but with caution not to inadvertently disclose a response (e.g., reading numbers versus place values, etc.). The Examiner may not answer questions about the passages or test items, provide definitions, or explain test items for students.
 - Using an online audio version of the test is a preferred method of oral presentation as it provides uniform administration statewide. The student should have instructional experience with similar electronic media players found on computers. Unless the student has experience with using electronic media players, the online audio version of a test may result in more difficulty than assistance.
- **Using Audio Recordings That Accompany Braille, Large-Print, or Regular-Print Versions of the Test**

Only use the audio recording accompanying the braille, large-print, or regular print test forms/prompts if the student has use of audio as an accommodation on her/his current IEP or 504 Plan. Before test administration, check audio players to be sure they will work correctly during test administration. Check the labels of the audio recordings to see that the subject area and test form number match the braille, large-print, or regular-print test booklets. **Students may pause or stop the audio as necessary during the test to follow its contents and keep up with the narration.** Students must be provided with their own test booklet, audio player, compact disc, and if in a room with other students, headphones.

In each set of specific directions for administering a subject area test, look for the directions that will indicate exactly when to begin playing an audio recording. The Test Examiner must follow directions and read aloud specific directions to the student for audio tests.

- **Interpreting/Transliterating Test Items (sign language, cued speech)—Information for ALL Assessments**

Interpreters/Transliterators may be used for students who are deaf or have a hearing impairment and who have interpretation documented as an accommodation in their IEP or 504 Plan. The Interpreter/Transliterator may interpret/transliterate test directions, sample items, questions regarding the mechanics of testing directed to and answered by the Examiner, and test items. The student's IEP Team or 504 Committee should determine the best method to provide the student with hearing impairments or deafness access to assessment items. Interpreters/Transliterators for all tests:

- must participate in Examiner/Proctor training offered at the division or school;
- must read, understand, and agree to adhere to the *School Division Personnel Test Security Agreement*;
- may help prepare students for testing by interpreting practice items, released tests, or other materials designed for test preparation;
- may have access to the tests for review purposes 24 hours prior to the test administration as authorized by the DDOT. If the Interpreter/Transliterator requires access to an online test for review

purposes, the DDOT must contact testing staff at the Virginia Department of Education for assistance. The pre-testing review must be conducted under supervision.

NOTE: A Computer Adaptive Test cannot be reviewed prior to the test administration.

During testing, the Interpreter/Transliterators function as the communication facilitator and must read each item to him/herself silently before interpreting/transliterating it to the student to ensure that the correct response is not inadvertently disclosed. The Interpreter/Transliterators must be careful not to lead the student to a correct answer by facial expression or by repeating any part of the test which is not specifically requested by the student. The Interpreter's/Transliterators' role and professional code of ethics prohibit answering questions directly or providing assistance in answering test questions. The test administration must be video recorded or proctored by an individual fluent in the type of interpretation/transliteration used. After testing, if a Proctor is used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. The Interpreter/Transliterators must complete, read, and sign the *Interpreter's Affidavit* (Appendix B of the *Test Implementation Manual*) for each student receiving interpretation/transliteration services. The Proctor Affidavits and the Interpreter Affidavits must be securely maintained in the Office of the DDOT.

- **Interpreting/Transliterating Directions (sign language, cued speech) (accommodation code not required)**

Testing sessions for students who are deaf or have a hearing impairment and who normally communicate in sign language or using cued speech may include a qualified interpreter or transliterator for test directions or to interpret/transliterate questions answered by the Test Examiner. The Test Examiner must be present for the testing session and must read the test directions aloud as presented in the *Examiner's Manual* so that they can be interpreted/transliterated. The interpreter/transliterator should communicate sample test items that are read aloud as part of the test directions, and student questions should be directed to the Test Examiner.

- **Interpreting/Transliterating Accommodation on *Mathematics, Science, History/Social Science, and Writing Assessments* (accommodation code 12)**

The interpreting/transliterating accommodation for *Mathematics, Science, History/Social Science, and Writing* assessments is allowed for students who are deaf or have hearing impairments as specified in the IEP or 504 Plan. The test items may be items interpreted/transliterated directly from assessments (paper or online formats) or from items read to the student by Test Examiners. The student's IEP Team or 504 Committee should determine the best method to provide the student access to assessment items.

- **Interpreting/Transliterating Accommodation on the *Reading Assessment* (accommodation code 16)**

Students who are deaf or have a hearing impairment may be considered by school divisions for the interpreting/transliterating accommodation on the *Reading* assessment because of difficulty hearing phonemes, which is a part of the decoding process. Eligibility must be determined by a diagnostic tool or instrument administered by a qualified professional. If a student who is deaf or hearing impaired is found eligible for the interpreting/transliterating accommodation because his/her hearing impairment severely limits the ability to decode text, the test would be administered through an interpreter if that student uses sign language as his/her method of communicating. If the student does not use an interpreter, but depends on speech reading in addition to audition for comprehension, the read-aloud accommodation should be done face-to-face and recorded or proctored.

- **Interpreting/Transliterating Sessions Online—Setup**

If the Interpreter/Transliterators is interpreting/transliterating an online test, the Interpreter/Transliterators will need access to the test on a separate workstation. Follow the read-aloud procedures in this manual in order to obtain an Examiner Authorization ticket for the Interpreter/Transliterators. If the Interpreter/Transliterators requires access to the test for review purposes, the DDOT must contact testing staff at the Virginia Department of Education for assistance.

- **Interpreting/Transliterating Computer Adaptive Test (CAT) Items**

Test questions presented to students on a Computer Adaptive Test are selected by the computer based on the student's response to each question. Because the selection of items is customized for each student, an Interpreter's/Transliterators' copy of the test cannot be created on a separate workstation. If the student

requires interpretation/transliteration services on a Computer Adaptive Test follow the interpreting/transliterating guidelines in **Interpreting/Transliterating Test Items (e.g., sign language, cued speech)—Information for ALL Assessments**, located in this Appendix, as well as all of the following:

- The test administration must be administered 1:1.
- The test administration must be video recorded or proctored throughout the entire test administration.
- The student and the Interpreter/Transliterator must position themselves so that the student has access to the computer workstation and can see the Interpreter/Transliterator, and the Interpreter/Transliterator can see the test questions on the student's workstation.
- Unless otherwise specified in the student's IEP/504 Plan, the student will maintain control of the computer. The student will respond to each test question, and be responsible for all navigation, and final submission of the test for scoring.
- A Computer Adaptive test cannot be reviewed prior to the test administration. Interpreters/Transliterators may practice interpreting/transliterating test questions using the PearsonAccess Training Center practice tests and Practice Items for the specific test.

Response Accommodations

It is important to remember that even when accommodations are provided, all responses on the assessments should be generated by the student, not influenced by others.

- **Enlarged Copy of Answer Document (accommodation code 8)
(Available with paper tests only)**

If the student marks responses on an enlarged copy of the answer document (accommodation code 8), the student's responses must be transcribed to the regular answer document by a school official. The regular answer document and the enlarged copy of the answer document must be verified by a second school official to ensure that no errors in the transcription occurred. The enlarged copy of the answer document shall be retained on file and secured in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration.

NOTE: It is the school division's responsibility to provide the enlarged answer document for the student.

- **Communication Board, Choice Cards (accommodation code 13)**

Student responses selected from a communication board or choice cards must be transcribed to the regular answer document or entered online by a school staff member. The student and the scribe must have used this method of communication instructionally. For online testing, practice tests must be used so that both the student and the scribe are familiar with the level of communication required to complete the Technology Enhanced Items (TEI). The test administration must be video recorded or proctored. The answer document must be verified by a second school staff member using the video recording or by the Proctor to ensure that no errors in transcription have occurred. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

- **Examiner Records Responses (accommodation code 18)**

- Students who are unable to respond to test items by marking a regular or enlarged copy of the answer document, or by selecting the answer online, may have an Examiner/Proctor record their responses. The student may mark in the test booklet, respond verbally, point, or otherwise indicate a response. The Examiner must transfer the student's responses to the regular answer document or select them on the student's computer workstation.
- If the student marks in his/her own test booklet, the answers are transcribed onto the answer document. The answer choices in the test booklet must be verified by a second school official to ensure that no errors in transcription occurred. The student's name should be clearly printed on the test booklet and the booklet returned with all other secure materials to Pearson. If a discrepancy is

discovered after the division has returned its secure materials to Pearson, notify assessment staff at the Virginia Department of Education.

- The student may give the Examiner directions on how to respond to online TEI items by responding verbally, pointing, or otherwise indicating his/her answers.

If the student responds verbally, points, or otherwise indicates a response, the session must be recorded or proctored. An audio and/or video recording must be made of the exchange between the student and Examiner or the session may be proctored by a second school staff member. The student's answer choices for paper or online assessments must be verified by a second school official to ensure that no errors in transcription occurred. The audio/video record shall be retained on file and secured in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

- **Braille (accommodation code 21)
(Available with paper tests only)**

Blind and vision impaired students may use a braille writer to respond to the writing prompt of the short-paper component of the *Writing* test or to record responses to multiple-choice questions on the SOL tests. Student responses must be transcribed to the regular answer document by school personnel qualified to read braille. If a student has written his/her response to the *Writing* assessment with a braille writer and has used braille shorthand, the student must spell the English words. The regular answer document and brailled material must be verified by a second school staff member qualified to read braille to ensure that no errors in transcription occurred. The brailled material shall be retained on file and secured in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration.

- **Word Processor or Word Processor with Speech-to-Text (accommodation code 21)**

Short-paper component of the Writing Assessment only

These accommodations are available for students who are blind or have visual impairments and who do not use braille, as well as students who have an orthopedic impairment, a specific learning disability, or other disability that interferes with the composing process or prevents them from composing their response within the online test. It allows these students to use a word processor, or word processor with speech-to-text to complete the short-paper component of the SOL *Writing* test. To be eligible for this accommodation, documentation must exist indicating the student uses a word processor or word processing device with speech-to-text for his/her written classwork. The student may use a hand-held "spell checker" or the spell checking capacity of a computer can be used, but the student must not be prompted to use it.

NOTE: The format used (paper or online) for the short-paper component of the *Writing* test must be the same format used for the multiple-choice component. When using the online format, two separate workstations must be made available to the student. The student must first use one workstation to log into TestNav using his/her Student Authorization ticket to access the prompt and the Checklist for Writers, and the other workstation will be used to compose his/her short paper.

Word Processor or Word Processor with Speech-to-Text Guidelines: If the speech-to-text capability of a word processor is used, the student must be assessed individually to ensure that other test takers are not distracted. Sessions involving speech-to-text must be recorded or proctored.

Any automatic correction, thesaurus, or grammar check features of the word processor must be disabled. The student's short paper must be transcribed from the word processor to the regular answer document or into the online test's response area in TestNav by school staff. Prior to submitting the test for scoring, the transcribed student's response must be verified by a second school official to ensure that no errors in the transcription occurred. The student's short paper must be deleted from the device used to compose the short paper, however, a paper or an electronic copy (flash drive, CD, floppy disk, etc.) of the short paper must be securely stored until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. The paper or electronic copy must then be securely destroyed. A document stating that the response to the writing prompt is entirely the student's work and that no "automatic correction, thesaurus, or grammar checker features" were used must be signed by the Test Examiner and

Proctor (when present) and retained on file in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration.

If the session was recorded, the audio/video record shall be retained on file and secured in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

- **Augmentative Communication Device (accommodation code 22)**

When used on the Writing assessment

To be an eligible accommodation, documentation must exist indicating the student uses an augmentative communication device for his/her written work. Only augmentative communication devices which produce student responses verbatim may be used. If the augmentative communication device produces an auditory output, the procedures for dictation to a scribe should be used.

Follow these guidelines when using the augmentative communication device to complete the *Writing* test.

- The student must be assessed individually to ensure that other test takers are not distracted.
- The format used (paper or online) for the short-paper component of the *Writing* test must be the same format used for the multiple-choice component.
- The entire testing session must be video recorded or proctored. The video record shall be retained on file and secured in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.
- When using the online format, two separate workstations must be made available to the student. One workstation will be the testing computer where the student will use his/her Student Authorization ticket to log into TestNav to access the multiple-choice component or the short-paper component of the test. The other workstation will be the augmentative communication device. The student must not have access to the internet or any other software during the testing sessions.
- **Multiple-choice/TEI component of the *Writing* test**—prior to the assessment, the student and scribe should use the augmentative communication device to complete practice items which include TEI. Based on these practice sessions, staff may use the vocabulary software of the augmentative communication device to create preset word banks of 'direction' words which will allow the student to direct the scribe to complete TEI items. The word bank may include words such as 'select,' 'drag,' 'drop,' 'up,' 'down,' 'right,' 'left,' etc. Additionally, the student may use a preset template to select multiple-choice letter responses. The student may not have access to subject linked vocabulary options within the augmentative communication device. The Examiner must record the student's responses on the student's test computer or paper answer document exactly as the student indicates. The student's responses must be verified by a second staff member to ensure that no errors in transcription occurred.
- **Short-paper component of the *Writing* test**—the student may use the augmentative communication device to type the short paper using the QWERTY keyboard. The student may not have access to subject linked vocabulary options of the augmentative communication device. The spell checking capacity of the augmentative communication device may be used, but the student must not be prompted to use it. If a word prediction feature is used, it must provide only single words (not phrases) triggered by the letters chosen by the student. The word options may not be linked by subject. The student may not use any automatic correction, thesaurus, or grammar check features. The student's typed or printed response to the writing prompt must be transcribed into the response screen of the online test or onto the paper answer document by school staff.
- Prior to submitting the test for scoring, the transcribed student's response must be verified by a second school official to ensure that no errors in the transcription occurred. The student's short paper must be

deleted from the device used to compose the short paper, however, a paper or an electronic copy (flash drive, CD, floppy disk, etc.) of the short paper must be securely stored until the scores are received and verified, and Authorization to Proceed (ATP) is approved for that test administration. The paper or electronic copy must then be securely destroyed.

- A document stating that the response to the writing prompt is entirely the student's work and that no "automatic correction, thesaurus, or grammar checker features" were used must be signed by the Test Examiner and Proctor (when present) and retained on file in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration.

- **Augmentative Communication Device (accommodation code 22)**

When used on Non-Writing assessments

To be an eligible accommodation, documentation must exist indicating the student uses an augmentative communication device for his/her written work. Only augmentative communication devices which produce student responses verbatim may be used. If the augmentative communication device produces an auditory output, the procedures for dictation to a scribe should be used.

Follow these guidelines when using the augmentative communication device to complete a *Non-Writing* test.

- The student must be assessed individually to ensure that other test takers are not distracted.
- The entire testing session must be video recorded or proctored. The video record shall be retained on file and secured in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.
- When using the online format, two separate workstations must be made available to the student. One workstation will be the testing computer where the student will use his/her Student Authorization ticket to log into TestNav to access test. The other workstation will be the augmentative communication device. The student must not have access to the internet or any other software during the testing sessions.
- **Multiple-choice/TEI component of a Non-Writing test**—prior to the assessment, the student and scribe must use the augmentative communication device to complete practice items which include TEI. Based on these practice sessions, staff may use the vocabulary software of the augmentative communication device to create preset word banks of 'direction' words which will allow the student to direct the scribe to complete TEI items. The word bank may include words such as 'select,' 'drag,' 'drop,' 'up,' 'down,' 'right,' 'left,' etc. The student must use the QWERTY keyboard to provide his/her response for 'fill in the blank' TEI. The student may use a preset template to select multiple-choice letter responses. The student may not have access to subject linked vocabulary options within the augmentative communication device. The Examiner must record the student's responses on the student's test computer or paper answer document exactly as the student indicates. The student's responses must be verified by a second staff member to ensure that no errors in transcription occurred.

- **Word Prediction Software (accommodation code 21)**

Short-paper component of Writing Assessment only

Students with disabilities may use word prediction/selection software on the short-paper component of the SOL *Writing* assessments. Word prediction/selection is defined as any software providing a student with a selection of single words from student-generated single or multiple keystrokes. For example, a student may type into the software the letter "p." The software will provide the student with a list of single words starting with the letter "p" (e.g., "plane," "plain," "put," "part," "please"). It should be noted that word prediction/selection is limited to the software providing selections of single words and not phrases, grammatically appropriate options, or other unrelated word choices generated by student keystrokes to predict sentence structure.

Software with word prediction/selection must not provide prompting for spell checking, grammar checking, predicting phrases or word choices, and must not make use of a thesaurus. If the word prediction/selection software allows selection of a dictionary for use by the software, an appropriate dictionary for the student's grade level should be selected.

The format used (paper or online) for the short-paper component of the *Writing* test must be the same format used for the multiple-choice component. The student's short paper must be deleted from the device used to compose the short paper; however, an electronic copy (flash drive, CD, floppy disk, etc.) of the short paper must be securely stored until scores have been received, then securely destroyed.

Guidelines for Word Prediction Software Using the Online Format of the Short-Paper Component:

When using the online format, two separate workstations must be made available to the student. The student must first use one workstation to log into TestNav using his/her Student Authorization ticket to access the prompt and the Checklist for Writers. The other workstation will be used to compose his/her short paper using word prediction software.

The student's short paper is then typed into the response area in TestNav. As specified in the IEP/504 Plan, the student may transcribe his/her own paper into TestNav, or it may be transcribed and verified by school staff. Follow the guidelines for Transcription of Students' Answers.

- **Spelling Aids (accommodation code 23)**

Short-paper component of the Writing Assessment only

Students with disabilities are allowed to use approved spelling aids on the SOL short-paper component of the *Writing* assessment. Spelling aids include spell checkers and spelling dictionaries. The spelling aid must meet the criteria established by the Virginia Department of Education. The spelling aid must be documented on the student's IEP or 504 Plan as a testing accommodation. Spell checkers may not automatically correct words or provide prompting for spell checking. If the spell checker allows for the selection of a dictionary, a dictionary appropriate to the student's grade level should be selected. Further, if automatic correction, prompting for spelling, and/or access to a thesaurus are included, these features must be disabled. A spelling dictionary may be a commercial product as long as there are not hints or clueing included. It should only contain the word lists in alphabetical order. A spelling dictionary could also be a teacher- or student-made personal spelling dictionary with words that the student uses in his or her writing.

The spelling dictionary must not contain spelling rules, punctuation rules, words used in sentences, or other clueing.

- **English Dictionary (accommodation code 29)**

Short-paper component of the online Writing Assessment only

Students who cannot access the online spell check tool or other permitted spelling aid for the short-paper component of the online *Writing* test may use an English dictionary to check spelling. The English dictionary must meet these guidelines:

- The English dictionary must be a general dictionary without a thesaurus section.
- The English dictionary must not be content specific or a specialized dictionary.
- The English dictionary must be a paper dictionary. An electronic dictionary is not allowed.
- The English dictionary may be either school-owned or student-owned.
- The English dictionary should be familiar to the student. The SOL *Writing* Test should not be the first time a student uses the dictionary.
- The English dictionary must not be altered with hand-written notes in the margins or include additional materials, such as class notes.

NOTE: the English dictionary is only designated as an accommodation on the short-paper component of the online *Writing* test. For any paper short-paper component of the *Writing* test (2002 and 2010 SOL), the English dictionary is available to all students and should not be designated as an accommodation.

- **Dictation to a Scribe (accommodation code 25)**

When used on the short-paper component of the Writing Assessment

The student will dictate in English (or use an augmentative communication device with auditory output) his/her response to the prompt for the short paper component of the *Writing* assessment to a school official (scribe) who will transcribe it. The scribe, who should have experience working with the student, must

format, capitalize, and punctuate only as directed by the student. The student is not required to spell each word to the scribe. Care must be taken by the scribe not to provide help on test items. Examples of prohibited help include but are not limited to: discussing test items, providing hints or clues, giving reminders, giving verbal indications or non-verbal cues about the correctness of a student's answer.

The session between the student and scribe must be recorded or proctored. If recorded, the scribe's transcription and the audio record must be verified by a second school official to ensure that no errors in transcription occurred and the recording and transcription must be given to the Division Director of Testing. The scribe's transcription and audio/video record of the session shall be retained on file and secured in the office of the Division Director of Testing until the established Request for Rescore period is over. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

Guidelines for Dictation to a Scribe Using the Online Format of the Short-Paper Component: The process between the student and scribe should be established before testing begins and should follow the format that is used in the classroom. The IEP/504 Plan should specify how the scribing will be completed.

- As the student dictates, the scribe may type directly into the response area of the student's short-paper component in TestNav. The student may revise/edit within the response area and submit the test when finished; or
- As the student dictates, the scribe may type the student's response on a word processor using a different computer from the one running TestNav. The student may revise/edit the short paper on the word processor or a printed copy. A final paper copy is printed and used for transcription into the response area in TestNav; or
- As the student dictates, the scribe may hand write the student's response. The student may revise/edit the short paper on the hand written copy. The final short paper is then transcribed into the response area in TestNav.

Transcriptions into the response area of the student's short paper component of the *Writing* test in TestNav must be completed on the same school day the test was taken. Transcriptions to a paper answer document must be completed as soon as possible after the test. Remember that all materials containing student responses to test items are designated as secure test materials and must be maintained in a secure location.

NOTE: The format used (paper or online) for the short-paper component of the *Writing* test must be the same format used for the multiple-choice component.

- **Dictation to a Scribe (accommodation code 25)**

When used on the multiple-choice/TEI component of the Writing Assessment or on Non-Writing assessments

The student must be assessed individually to ensure that other test takers are not distracted.

The student will dictate in English (or may use an augmentative communication device with English auditory output) what he/she wants the school official (scribe) to write on the student's scratch paper. The scribe, who should have experience working with the student, must write on the student's scratch paper only as directed by the student. The student must direct the scribe through the process of performing mathematic or scientific calculations with or without the use of a calculator, using manipulatives, or recording notes. Care must be taken by the scribe not to provide help on test items. Examples of prohibited help include but are not limited to: discussing test items, providing hints or clues, giving reminders, giving verbal indications or non-verbal cues about the correctness of a student's answer.

The session between the student and the scribe must be audio/video recorded or proctored. The student's scratch paper and audio/video record of the session shall be retained on file and secured in the office of the Division Director of Testing until scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

- **Read Back Student Response (accommodation code 30)**

Short-paper component of the Writing Assessment only

Reading back a student's short-paper response is only allowed for students with disabilities and must be documented in the student's IEP or 504 Plan as an accommodation. The IEP or 504 Plan must clearly document whether the student's short-paper response will be read back by the Test Examiner or from a workstation equipped with text-to-speech capabilities. In addition, the read-back accommodation must be used routinely in the student's instruction. Guidance regarding the read-back accommodation by the Test Examiner or from a workstation with text-to-speech capabilities is provided below.

Read-Back Accommodation Provided by the Test Examiner

- The student must be tested individually so other test takers are not distracted.
- The student may request any portion of the draft and/or final short paper to be read back as often as necessary. The student may continue to edit and request read-back until the final short paper is submitted for scoring.
- The Test Examiner must read the student's response back verbatim without providing any assistance. Examples of prohibited help include but are not limited to: correcting or providing clues to spelling, grammar, and/or punctuation, rewording the response, providing hints and clues, giving reminders, and/or giving verbal indications or non-verbal clues about the correctness of the student's response. The Test Examiner must read only the student's response, not the writing prompt. If the student uses interpreter services, the Interpreter must sign the Test Examiner's oral reading of the student's short paper.
- All read-back sessions must be audio or video recorded or proctored. Video recording is required if an Interpreter is used to sign the Test Examiner's read back. If the session is recorded, the audio/video record of the read-back session must be retained on file and secured in the office of the Division Director of Testing (DDOT) until scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B. If an Interpreter is used, the Interpreter must sign the *Interpreter's Affidavit*. These written verifications must be retained on file in the office of the DDOT until scores are received and verified and ATP is approved for that test administration.
- The final short paper must be written on the regular answer document or entered into the online test's response area in TestNav.

Read-Back Accommodation Provided by a Workstation with Text-to-Speech Capability

- The student must be tested individually or with headphones so other test takers are not distracted.
- When using the online format, two separate workstations must be made available to the student. The student must first use one workstation to log into TestNav using his/her Student Authorization ticket to access the prompt and the Checklist for Writers, and the other workstation will be used to compose his/her short paper using a program with text-to-speech capabilities that reads the student's response verbatim. The student may use the text-to-speech function as often as necessary.
- If the text-to-speech program includes automatic correction, thesaurus, or grammar check, these features must be disabled. The student may use the manual spell checking capacity of the text-to-speech program, but the student must not be prompted to use it.
- The Test Examiner must not provide any assistance. Examples of prohibited help include but are not limited to: correcting spelling, grammar, and/or punctuation, rewording the response, providing hints and clues, giving reminders, and/or giving verbal indications or non-verbal clues about the correctness of the student's response.
- The student's short-paper response from the computer with the text to speech capability must be printed. The short paper must be transcribed to the regular answer document or into the online test's response area in TestNav by school staff. The transcribed student's response must be verified by a second school official to ensure that no errors in the transcription occurred.
- A paper copy of the student's short paper shall be retained on file and secured in the office of the DDOT until the scores are received and verified and ATP is approved for that test administration. In addition, the student's short paper must be deleted from the device used to compose the short

paper; however, an electronic copy (flash drive, CD, floppy disk, etc.) of the short paper must be securely stored until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. The electronic copy must then be securely destroyed.

- A document stating that the printed response to the writing prompt is entirely the student's work and that no "automatic correction, thesaurus, or grammar checker features" were used must be signed by the Test Examiner and Proctor (when present) and retained on file in the office of the Division Director of Testing until the scores are received and verified and ATP is approved for that test administration.

NOTE: The format used (paper or online) for the short-paper component of the *Writing* test must be the same format used for the multiple-choice component.

Transcriptions into the response area of the student's short-paper component of the *Writing* test in TestNav must be completed on the same school day the test was taken. Transcriptions to a paper answer document must be completed as soon as possible after the test. All materials containing student responses to test items are designated as secure test materials and must be maintained in a secure location.

- **Calculators and Arithmetic Tables (accommodation code 26)**

Grades 3-7 Mathematics assessments only

Students with disabilities may use calculators and arithmetic tables on sections of the Grades 3-7 *Mathematics* SOL assessments in which a calculator is not allowed. The student's IEP Team or 504 Committee must determine that a student is eligible based on the calculator accommodation criteria established by the Virginia Department of Education. Arithmetic tables and charts are defined as tools that serve the same function as a simple calculator (e.g. four-function calculator). Examples include multiplication charts, addition charts, subtraction charts, or division charts. In order to use these tools, students with disabilities must be found eligible by their IEP Team or 504 Committee under the calculator accommodation criteria. If the student is determined eligible, the IEP Team or 504 Committee must document the decision on the student's IEP or 504 Plan and must complete and sign the appropriate *Calculator Accommodation Criteria* form and maintain a copy in the student's educational record. The *Calculator Accommodation Criteria Form for Students with Disabilities* and the *Calculator Accommodation Criteria Form for Students with Blindness or Visual Impairments* are located on the Virginia Department of Education Web site at:

www.doe.virginia.gov/testing/participation/index.shtml

- **Calculator with Additional Functions (accommodation code 28)**

Grades 4-8 and EOC Mathematics assessments only

Calculators with additional functions are calculators with mathematical functions designed to accommodate a student's disability. Calculators with additional functions are calculators other than those routinely supplied to students on the SOL Mathematics tests. Calculators routinely supplied to students are referred to as approved calculators and are listed in the *Non-Writing Test Implementation Manual*.

To prevent the use of calculators with additional functions which exceed those used to accommodate a student's disability, the following guidance must be used when selecting calculators with additional functions for eligible students with disabilities.

ALLOWED

Calculators with additional functions are allowed if the additional mathematical functions are required for the student to access the SOL assessment and are directly related to the student's disability. Both the disability and the corresponding additional functions must be clearly documented in the justification statement of the appropriate *Calculator Accommodation Criteria* form. The justification statement should explain the disability as it relates to mathematics and provide a rationale as to why the additional functions are necessary.

The *Calculator Accommodation Criteria Form for Students with Disabilities* and the *Calculator Accommodation Criteria Form for Students with Blindness or Visual Impairments* are located on the Virginia Department of Education Web site at:

www.doe.virginia.gov/testing/participation/index.shtml

NOT ALLOWED

Calculators with additional functions:

- that are not related to the student's disability;

- that provide an unfair advantage to the student;
 - designed solely to enhance student performance; or
 - designed to compensate for below grade level mathematic skills.
- **Math Aids (accommodation code 19)**

Mathematics assessments only

Students with disabilities may use approved math aids on *Mathematics* SOL assessments if the accommodation is documented in the student's IEP or 504 Plan as a testing accommodation. Examples of approved math aids include: number line, colored shapes, and fraction circles. For a complete list of both approved and not approved math aids, refer to the document *Explanation of Testing Accommodations for Students with Disabilities—Math Aids Accommodation Code 19*, available on the Virginia Department of Education Web site at:

www.doe.virginia.gov/testing/participation/index.shtml

- **Dry Erase Board (accommodation code 2)**

In place of scratch paper, a student may use a dry erase board (including a large wall-mounted board). The student must be tested individually. For test security, school staff must ensure that the student's dry erase board is not visible to others. This may require windows to be covered. The Test Examiner must ensure that the dry erase board is completely erased prior to the beginning of the testing session, and at the completion of the test session. The student must use the dry erase board independently without assistance from the Examiner. Prohibited help includes, but is not limited to, reminders to use the board, discussing test items, providing hints or clues, giving verbal indications or non-verbal cues about the correctness of a student's answer. The test session must be video recorded or proctored. The video record of the session shall be retained on file and secured in the office of the Division Director of Testing until scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

NOTE: The paper answer document does not list accommodation code 2. If this accommodation is used, this test code must be applied to the student's completed test record in PearsonAccess.

- **Additional Markers, Highlighters, Colored Pens, and/or Pencils (accommodation code not required)**

The student may be provided additional dry erase markers (if the dry erase board accommodation is used), highlighters, or colored pens and/or pencils. The student may use the highlighters or colored pencils and/or pens in the test booklet or on his/her scratch paper. The markers, highlighters, and colored pencils and/or pens must not be used anywhere on the student's answer document. Answer documents submitted with markers, highlighters, or colored pens and/or pencils will not scan properly, and therefore cannot be scored. The additional markers, highlighters or colored pens and/or pencils must be provided to the student at the beginning of the session. The student must use the additional markers, highlighters or colored pens and/or pencils on the scratch paper or dry erase board independently without assistance from the Examiner. Prohibited help includes but is not limited to: reminders to use the additional highlighters, colored pens, and/or pencils, discussing test items, providing hints or clues, giving verbal indications or non-verbal cues about the correctness of a student's answer.

Transcription of Students' Answers—Information for all Assessments

Transcribing students' test responses onto an answer document or onto the online test screen is available **only** for students as stated in their IEPs, 504 Plans, LEP Student Assessment Participation Plans, or due to a documented temporary condition. In the case of a damaged answer document or an irregularity, prior approval must be obtained from the DDOT for the STC to conduct a transcription of students' answers.

A student's test items responses must be transcribed if the student's answers were:

- recorded on braille paper or on an enlarged copy of the answer document;
- dictated to an Examiner/Proctor;

- created using a word processor, word processor with speech-to-text, braille, augmentative communication device, or word prediction software;
- marked directly in the test booklet; or
- indicated verbally, by pointing, or using a communication board or choice cards.

The student's responses must be entered exactly as the student indicated. The student's responses must not be corrected, or altered in any way. The transcription must be verified by a second school official to ensure that no errors occurred. Proctors may transcribe or verify the transcription. Other school staff members may transcribe responses or verify responses without formal training as a Proctor; however, they must receive test security training and sign the *School Division Personnel Test Security Agreement*.

NOTE: The same individual should transcribe the entire short-paper component of the *Writing* test since an alert will be triggered if a response appears with more than one individual's handwriting.

Transcriptions must be completed as soon as possible after the test has been administered. Transcriptions to an online test must be completed on the same school day the test was taken. Transcriptions to a paper answer document must be completed as soon as possible after the test. All materials containing student responses to test items are designated as secure test materials and must be maintained in a secure location.

If a device was used to compose the student's responses, the responses must be deleted from the device. The documentation of the student's responses (such as an audio/video of the session, output from a braille or augmentative communication device, paper and electronic copies of responses (e.g., flash drive, CD, floppy disk, enlarged answer documents) shall be retained on file and secured in the office of the DDOT until scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration.

Procedures for Requesting a Special Assessment Accommodation

Some students with disabilities may require accommodations beyond those listed in this manual to access the SOL assessments. Prior approval from the Virginia Department of Education is required in order to administer these accommodations. The Division Director of Testing or his/her designee should complete the *Special Assessment Accommodation Request* form available on the Virginia Department of Education Web site at:

www.doe.virginia.gov/testing/participation/index.shtml

The *Special Assessment Accommodation Request* form must be submitted to the Virginia Department of Education following the directions provided on the form and by the deadline listed on the form.

Each request for a special assessment accommodation will be reviewed based upon the need to provide equal access to the SOL test for the student and the need to maintain standardized procedures and test security. Accommodations may be "approved," "approved with conditions," or "not approved." Some accommodations that are approved or approved with conditions may be designated as non-standard accommodations. The Division Director of Testing or his/her designee will be notified as soon as the decision concerning the special assessment accommodation has been made.

If a request for a special assessment accommodation receives an "approved" or "approved with conditions" response, the approval for that accommodation will remain in effect for subsequent SOL administrations for that same student only, if:

- the subsequent SOL assessment is in the same content area(s) as the original approval;
- the student's continuing need for the same accommodation is documented in the IEP; and
- the conditions specified in the original response will be met.

Appendix C, continued

Selection of Testing Accommodations for Limited English Proficient (LEP) Students

For detailed information regarding LEP student participation in the Standards of Learning (SOL) assessments, refer to *Limited English Proficient Students: Guidelines for Participation in the Virginia Assessment Program*, available on the Virginia Department of Education's Web site at:

www.doe.virginia.gov/testing/participation/index.shtml

The table below provides an overview of the World-Class Instructional Design and Assessment (WIDA®) Accessing Comprehension and Communication in English State-to-State for English Language Learners (ACCESS for ELLs®) proficiency levels. English language proficiency levels are used to determine assignment of testing accommodations to LEP students for SOL assessments.

Table 13. Overview of Virginia English Language Proficiency Levels and ACCESS for ELLs Overall Score (Composite) Ranges

English Language Proficiency Levels	ACCESS for ELLs Overall Score (Composite) Ranges*
Level 1	1.0 - 1.9
Level 2	2.0 - 2.9
Level 3	3.0 - 3.9
Level 4	4.0 - 4.9
Level 5	5.0 - 6.0 and Literacy Score less than 5.0
Level 6—Formerly LEP	5.0 or above <i>and</i> Literacy Score 5.0 or above <i>and</i> Testing on Tier C

*If the student does not have an Overall Score (Composite) from Spring 2015 ACCESS for ELLs testing, the Grade Adjusted Composite Proficiency Level from the WIDA-ACCESS Placement Test (W-APT™) or the Overall Composite Proficiency Level from the WIDA Measure of Developing English Language (MODEL™) Assessment may be used.

Exempting LEP Students from the Virginia Assessments

- **Reading Exemption (Testing Status Code 11)**—LEP students who have attended school in the United States for less than 12 months may receive a one-time exemption for the SOL *Reading* test in grades 3-8. This guideline also applies to students arriving from Puerto Rico. No exemption is available for End-of-Course *Reading*.
- **History/Social Science Exemption (Testing Status Code 3)**—LEP students in grades 3-8 may exercise a one-time exemption for the *Virginia Studies* or *Civics & Economics* SOL test.
- **Mathematics**—LEP students may NOT be exempted from the SOL *Mathematics* tests.
- **Science**—LEP students may NOT be exempted from the SOL *Science* tests.
- **Writing (Testing Status Code 3)**—LEP students may exercise a one-time exemption from the Grade 8 SOL *Writing* test. No exemption is available for the EOC *Writing* test.

The reason(s) for exemptions and the ramification(s) of exemptions should be documented in the student's LEP Student Assessment Participation Plan and conveyed to the LEP student's parent(s) or guardian(s).

Testing Accommodations for Formerly LEP Students

A student is considered Formerly LEP when he/she:

- has tested on Tier C of the ACCESS for ELLs test and earned both an Overall Score (Composite) of 5.0 or higher and a Literacy Score of 5.0 or higher; or
- was assessed with the *Proficiency Level 5 Virginia English Language Proficiency (ELP) Checklist for Limited English Proficient (LEP) Students in Kindergarten through Grade 12 with Hearing and Visual Impairments*.

The Formerly LEP student is no longer eligible for the direct and indirect testing accommodations described in this Appendix. However, if a Formerly LEP student is also a student with a disability, she/he may receive testing

accommodations based upon his/her IEP/504 Plan.

Direct and Indirect Linguistic Testing Accommodations for Standards of Learning Tests

Testing accommodations for the SOL assessments provide LEP students the opportunity to be assessed on content knowledge rather than English language proficiency. Testing accommodations may involve changes to testing procedures, testing materials, or the testing situation to allow students meaningful participation in an assessment. Direct linguistic testing accommodations involve adjustments to the language of the test, such as a Plain English version of the test or the use of a bilingual dictionary. Indirect linguistic testing accommodations involve adjustments to the conditions under which LEP students take the test, such as a flexible schedule that may include breaks. Additionally, testing accommodations should not provide an unfair advantage during testing, should be determined prior to testing, and documented in the LEP Student Participation Plan.

The information listed in the following chart summarizes direct and indirect testing accommodations that are matched to recommended ACCESS for ELLs Overall Scores (Composites). While all direct and indirect testing accommodations are available to all LEP students as deemed appropriate, certain testing accommodations may be more appropriate for students at particular English language proficiency levels.

Table 14. Direct and Indirect Linguistic Testing Accommodations for LEP Students

Content Area						Code	Testing Accommodation and Description Refer to Appendix C: <i>Selection of Testing Accommodations for LEP Students</i> for additional details regarding these accommodations.	ACCESS for ELLs Overall Score (Composite) Ranges				
								1.0 to 1.9	2.0 to 2.9	3.0 to 3.9	4.0 to 4.9	5.0 to 5.9
Direct Linguistic Testing Accommodations												
H	M		S	W	10	Read-Aloud Test • Tests are read (in English only) to the student. Must be recorded or proctored.		●	●	●	✓	✓
H	M		S	W	11	Audio Test • A pre-recorded (in English only) version of the test items.		●	●	●	✓	✓
		R			14	Read-Aloud <i>Reading</i> Test • <i>Reading</i> test is read (in English only) to the student. Must be recorded or proctored. Student must meet specific criteria.		○	○	○	○	○
		R			15	Audio <i>Reading</i> Test • A pre-recorded (in English only) version of the <i>Reading</i> test items. Student must meet specific criteria.		○	○	○	○	○
H	M	R	S	W	17	Bilingual Dictionary • LEP students may use a word-to-word bilingual dictionary.		●	●	●	●	●
				W	25	Dictation to a Scribe • Dictation (in English only) to a scribe (short-paper component only). Must be recorded or proctored. Requires transcription.		✓	✓	✓	✓	✓
H	M	R	S	W MC	29	English Dictionary • Writing Tests: • 2010 SOL—allowed on short-paper component for Grade 8 and EOC. ▪ 2002 SOL—allowed on both components for EOC. • Non-Writing Tests: LEP students may use a general English dictionary.		The English dictionary is not permitted on the MC/TEI component of the <i>Writing</i> (2010 SOL) test.				
				W SP				✓	✓	✓	✓	✓
	M				A	Plain English <i>Mathematics</i> Test • Grades 3-8 <i>Mathematics</i> and <i>Algebra I</i> only. • LEP student must meet eligibility criteria for participation.		ACCESS for ELLs Overall Score (Composite) Ranges Grades 3-5: 1.0-3.5 Grades 6-8: 1.0-3.3 Grades 9-12: 1.0-3.5				
Indirect Linguistic Testing Accommodations												
H	M	R	S	W	1	Flexible Schedule • Testing with breaks requires the test to be completed within one school day; • Multiple test sessions that involve testing over more than one school day require a paper test. <u>Multiple test sessions are not permitted on the short-paper component of the <i>Writing</i> test.</u>		✓	✓	✓	✓	✓
H	M	R	S	W	4	Visual Aids • Visual templates showing one word, sentence, line, or test item at a time (available with paper tests only).		✓	✓	✓	✓	✓
H	M	R	S	W	18	Examiner Records Responses • Student marks in test booklet, responds verbally, points, or otherwise indicates a response. May need to be recorded or proctored. Requires transcription.		✓	✓	✓	✓	✓

Key

H	The testing accommodation is available for the <i>History/Social Studies</i> test.
M	The testing accommodation is available for the <i>Mathematics</i> test.
R	The testing accommodation is available for the <i>Reading</i> test.
S	The testing accommodation is available for the <i>Science</i> test.
W	The testing accommodation is available for the <i>Writing</i> test. (MC: multiple-choice/technology enhanced item (TEI) component. SP: short-paper component. NOTE: Paper <i>Writing</i> tests do not include TEI.)
	The testing accommodation is <u>not</u> available for the content area.
●	The testing accommodation is <u>recommended</u> for LEP students if they possess the literacy skills necessary to use the accommodation.
✓	The testing accommodation is <u>available</u> if it is specified in the LEP Student Assessment Participation Plan.
○	Student <u>must meet eligibility criteria</u> to receive the testing accommodation. Refer to the LEP testing accommodations guidelines for the details regarding eligibility criteria.

Direct Linguistic Testing Accommodations

Read-Aloud Test (accommodation code 10) or Audio Test (accommodation code 11) on Mathematics, Science, History/Social Science, and Writing Assessments

LEP students who require the read-aloud or audio testing accommodation must be identified prior to the assessment. When reading the test(s) aloud, the Examiner must be careful not to lead the student to the correct answer by intonation or to repeat any part of the test which is not specifically requested by the student. In particular, care must be taken to describe graphics without leading the student to the correct response. The Examiner should be familiar with how to read test items to students. Examiners may use the Pearson Training Center practice tests in audio format and audio Practice Tests to hear how tests should be read aloud and to practice reading items. Test items must be read in English. For more detailed information, refer to the *Virginia Standards of Learning Assessments Guidelines for Administering the Read-Aloud Accommodation* located at:

www.doe.virginia.gov/testing/participation/guidelines_read_aloud.pdf

The read-aloud or audio accommodation is not available to LEP students for the SOL *Reading* test or on the VGLA *Reading* assessment unless the student also has an eligible disability and the accommodation is documented in the student's IEP or 504 Plan. See *Students with Disabilities: Guidelines for Assessment Participation* located at:

www.doe.virginia.gov/testing/participation/index.shtml

All read-aloud administrations must be recorded or proctored. If the session is recorded, the audio record of the entire testing session must be retained on file and secured in the office of the Division Director of Testing until scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. If proctored, the Test Examiner and Proctor must verify in writing that the test administration was conducted according to standardized procedures. This written verification must be retained on file in the office of the Division Director of Testing until scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

Read-Aloud (accommodation code 14) or Audio (accommodation code 15) on the Reading Assessment

LEP students may receive the read-aloud testing accommodation (accommodation code 14) or the audio testing accommodation (accommodation code 15) under the following circumstances:

- The LEP student meets all of the following criteria:
 - the student is retaking the EOC *Reading* test, having failed the previous attempt(s) without using the read-aloud or audio testing accommodation; and
 - the student's LEP Student Assessment Participation Plan lists the read-aloud or audio testing accommodation for other tests; and
 - the student receives the read-aloud or audio testing accommodation in the classroom.

All read-aloud sessions must be recorded or proctored by a second staff member. For more details about recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

For LEP students retaking the EOC *Reading* test, the read-aloud or audio testing accommodation will be considered a non-standard testing accommodation (accommodation code B). In addition to marking the student's test with accommodation codes 14 or 15 and B, the EOC *Reading* test must be marked as retest on the Student Test Details screen in PearsonAccess.

It is important to note that providing the read-aloud or audio testing accommodation to an LEP student on the EOC *Reading* retest will generate a test alert. Only Virginia Department of Education (VDOE) staff can clear this test alert. Before the test alert can be cleared, the Division Director of Testing or designee must submit a request to VDOE to clear the test alert. The request must include the following:

- the student's name and State Testing Identifier (STI); and
- a statement verifying that the student is LEP and meets all eligibility criteria for the read-aloud or audio testing accommodation on the EOC *Reading* retest.

Requests to clear the test alert must not be sent via email. These requests must be sent via the dropbox in the Single Sign-on for Web Systems (SSWS) to Robert Fugate and copied to Kevin McClintock.

Bilingual Dictionary (accommodation code 17)

LEP students may use a bilingual dictionary on SOL tests following these guidelines:

- The bilingual dictionary must be a general, word-to-word bilingual dictionary.
- The bilingual dictionary must not be a specialized dictionary, such as a subject specific dictionary, rhyming dictionary, picture dictionary, etc.
- The bilingual dictionary must be a paper dictionary. Electronic bilingual dictionaries or translators are not allowed.
- The bilingual dictionary may be either school-owned or student-owned.
- The bilingual dictionary should be familiar to the LEP student. SOL testing should not be the first time an LEP student uses a bilingual dictionary.
- The bilingual dictionary must not be altered with hand-written notes in the margins nor include additional materials, such as class notes.
- The bilingual dictionary may be used alone or with the English dictionary.

English Dictionary (accommodation code 29)

Because an English dictionary may provide definitions of subject specific vocabulary that LEP students are expected to know (e.g., median, simile) for the SOL tests, the use of this testing accommodation should be carefully considered. An English dictionary is likely to be most appropriate for LEP students who are still struggling to learn English, for example those at Virginia English Language Proficiency (ELP) levels 1 through 3 (refer to Appendix C, Table 13) and those who are not literate in their native languages. The English dictionary testing accommodation should be *cautiously* considered for LEP students at Virginia ELP Levels 4 and 5 (refer to Appendix C, Table 13). LEP students may use an English dictionary on SOL tests following these guidelines:

- The English dictionary must be a general dictionary without a thesaurus section.
- The English dictionary must not be a specialized dictionary, such as a subject specific dictionary, rhyming dictionary, picture dictionary, etc.
- The English dictionary must be a paper dictionary. An electronic dictionary is not allowed.
- The English dictionary may be either school-owned or student-owned.
- The English dictionary should be familiar to the LEP student. SOL testing should not be the first time an LEP student uses the English dictionary.
- The English dictionary must not be altered with hand-written notes in the margins nor include additional materials, such as class notes.
- The English dictionary may be used alone or with the bilingual dictionary on non-writing SOL tests, the short-paper component of the SOL *Writing* test, and the multiple-choice component of the EOC *English: Writing* 2002 SOL test.
- The English dictionary is not permitted on the multiple-choice component of the Grade 8 or EOC *Writing* 2010 SOL test.

NOTE: For any paper short-paper component of the *Writing* test (2002 and 2010 SOL), the English dictionary is available to all students and should not be designated as a testing accommodation.

Dictation to a Scribe (accommodation code 25)

Short-paper component of the Writing test only

The process of dictation to a scribe for the online *Writing* test should be established before testing begins and should follow the process that is used in the classroom. This process should be specified in the student's LEP Student Assessment Participation Plan.

The scribe, who should have experience working with the student, must format, capitalize, and punctuate only as directed by the student. The student is not required to spell each word to the scribe. The scribe's transcription must be verified by a second school official to ensure that no errors in transcription occurred. The session between the student and scribe must be recorded or proctored. If recorded on audio, the recording must be given to the Division Director of Testing along with the transcription. The scribe's transcription and audio record shall be retained on file and secured in the office of the Division Director of Testing until the established Request for Rescore period is over. After testing, if a Proctor was used, the Proctor must read and sign the Proctor's Affidavit located on the *Examiner's/Proctor's Transmittal Form and Affidavit for Recorded Test Sessions*, Appendix B of the *Test Implementation Manual*. This written verification must be retained on file in the office of the Division Director of Testing. For detailed information regarding the requirements for recording test sessions, refer to the *Guidelines for Recording a Test Session* in Appendix B.

Dictation to a scribe using the online format of the short paper component of the *Writing* test may be completed using one of the following processes:

- As the student dictates in English, the scribe will type directly into the response area of the student's short paper component in TestNav. The student will revise/edit within the response area of TestNav and submit the test when finished; or
- As the student dictates in English, the scribe will type directly into a word processor using a different computer. The student will revise/edit on the word processor or a printed copy. A final paper copy will be printed to be used for transcription into the response area of the student's short paper component in TestNav. The student will submit the test when finished; or
- As the student dictates in English, the scribe will hand write the student's response. The student will revise/edit on the paper copy. The response is then transcribed by typing into the response area of the student's short paper component in TestNav. The student will submit the test when finished.

Transcriptions into the response area of the student's short paper component of the *Writing* test in TestNav must be completed on the same school day the test was taken. Transcriptions to a paper answer document must be completed as soon as possible after the test. Remember that all materials containing student responses to test items are designated as secure test materials and must be maintained in a secure location.

NOTE: The format used (paper or online) for the short-paper component of the *Writing* test must be the same format used for the multiple-choice component.

Plain English *Mathematics* Test (accommodation code A)

LEP students may be assessed in mathematics using the Plain English versions of the grades 3-8 *Mathematics* and *Algebra I* tests if they are enrolled in:

- grades 3-5 and have an ACCESS for ELLs Overall Score (Composite) within the range of 1.0-3.5;
- grades 6-8 and have an ACCESS for ELLs Overall Score (Composite) within the range of 1.0-3.3;
- grades 9-12 and have an ACCESS for ELLs Overall Score (Composite) within the range of 1.0-3.5 (*Algebra I* only); or
- grades 3-8 or *Algebra I* and have been enrolled in United States schools for less than 12 months, regardless of their English language proficiency level.

NOTE: LEP students may participate in the *Plain English Mathematics* testing for a window of no more than three consecutive years if they continue to meet the requirements described above.

Indirect Linguistic Testing Accommodations

Flexible Schedule (accommodation code 1)

The SOL tests are untimed, but ample time should be allotted for all students to complete the test prior to the end of the scheduled school day. Based on their English language proficiency and/or the language demands of the assessment, some LEP students may require breaks or multiple test sessions.

Students who require breaks, but not multiple test sessions, must complete the test in one school day. The schedule for breaks must be determined prior to testing and be based on the routine use of scheduled breaks during classroom assessment. The Test Examiner and School Test Coordinator should work together to establish the procedure for notifying the student to begin and end a break during testing. Breaks are available for either online or paper tests. The break(s) must be supervised. Test security must be maintained at all times during the break(s). The student must not be allowed to discuss the test in any way, must not have access to any educational materials or electronic devices during the break(s), and must not disrupt other students who are continuing to test.

Also for test security, the student's test materials must not be accessible or viewable by other students or by school personnel during the break(s). If the student is testing online, the student should either be *Exited* from the online test or, if the testing room will be securely maintained, the computer monitor could be turned off prior to the break(s) to maintain test security. If the student *Exits* the test, his/her test must be *Resumed* on the Session Details screen in PearsonAccess and the student must log back into TestNav using his/her Student Authorization ticket. If the computer monitor was turned off and the student did not *Exit*, the student must return to the same workstation and turn the monitor back on to continue testing.

At this time, students who require multiple test sessions, when the test will be completed in two or more school days, must be administered a paper test. Care must be taken to ensure that the student is exposed only to those test items in the portion of the test that he/she is attempting that day. Previously completed items and items not yet accessed must be sealed to prevent accidental exposure to the student. The short-paper component of the *Writing* assessment must be completed in one school day and does not qualify for multiple test sessions; however, the student may be given breaks under secure conditions. As the SOL tests transition to a Computer Adaptive Testing (CAT) model it may be possible for eligible students taking a CAT test to be tested over two days. Should this become possible, school divisions will be notified about the procedures to be followed.

Visual Aid (accommodation code 4)

LEP students who require a paper test and who need to view one test item at a time may use a template with the paper test. Since online tests show only one test item at a time, this testing accommodation is not applicable for online tests.

Examiner Records Responses (accommodation code 18)

LEP students, who are unable to respond to test items by marking a regular or enlarged copy of the answer document or by selecting the answer online, may have an Examiner/Proctor record their responses. The student may mark in the test booklet, respond verbally, point, or otherwise indicate a response. The Examiner must transfer the student's responses to the regular answer document or select them on the student's computer workstation.

If the student marks in his/her own test booklet, the answers are transcribed onto the answer document. The answer choices in the test booklet must be verified by a second school official to ensure that no errors in transcription occurred. The student's name should be clearly printed on the test booklet and the booklet returned with all other secure materials to Pearson. If a discrepancy is discovered after the division has returned its secure materials to Pearson, notify assessment staff at the Virginia Department of Education.

The student may give the Examiner directions on how to respond to online TEI items by responding verbally, pointing, or otherwise indicating his/her answers.

If the student responds verbally, points, or otherwise indicates a response, the session must be recorded or proctored. An audio and/or video recording must be made of the exchange between the student and Examiner or the session may be proctored by a second school staff member. The student's answer choices for paper or online assessments must be verified by a second school official to ensure that no errors in transcription occurred. The audio/video record shall be retained on file and secured in the office of the Division Director of Testing until the scores are received and verified and Authorization to Proceed (ATP) is approved for that test administration. If the session is proctored, the Proctor must verify in writing that the test administration was conducted according to the standardized procedures. (Refer to *Guidelines for Recording a Test Session* in Appendix B.)

Virginia Department of Education

Documentation of Need for Paper Standards of Learning Assessment

Directions: This form must be completed for students with disabilities or those with medical conditions who need a paper test but who do NOT meet the following criteria:

- attend school in a location where a secure network connection or the required technology is not available to access an online test, such as special situation schools, homebound, residential facilities, hospitals, night schools, or Governor Schools.
- require an accommodation in the Individualized Education Plan (IEP) or 504 Plan that necessitates a paper format such as large-print test, braille test, or flexible schedule (multiple testing sessions requiring more than one school day).
- have a documented medical condition, such as a seizure disorder where exposure to a computer will aggravate the student's condition.

For a student with disabilities, this form should be completed by the Individual Education Program (IEP) team/504 committee. For a student with medical conditions, this form should be completed by a team composed of the Division Director of Testing, building principal, course content teacher, parent, and other appropriate school staff. A separate form must be completed for each SOL Assessment, and a copy of each signed and completed form must remain in the student's education record and on file in the office of the Division Director of Testing.

Section I: Student Information

Student Name: _____ Date of Birth: _____

State Testing Identifier (STI): _____ Current Grade of Enrollment: _____

SOL Assessment Considered for Paper: _____

Section II: School Division Information

School Division Name: _____ School Name: _____

Course Content Teacher: _____ Date: _____

Section III: Eligibility Determination

Eligibility for paper administration of SOL assessments is determined based on a student's disability or the student's medical need. Section IIIA should be completed by student's IEP or 504 team if the need for a paper administration is based on an identified disability. Section IIIB should be completed by a team composed of the Division Director of Testing, building principal, parent, and other appropriate school staff if a medical condition is the basis for the need for a paper test.

Section IIIA: (Complete for a Student with a Disability)

The student's IEP Team/504 Committee must determine that a student is eligible for a paper assessment based on answers to the following three questions. A response of "No" for any question indicates that the student is NOT eligible for a paper assessment in the content area listed in Section I of this form.

1) Does the student have a current IEP/504 Plan or is one being developed?

☐ Yes ☐ No

2) As a result of a disability, the student requires an accommodation other than large-print test, braille, or multiple test sessions, that can only be provided in a paper format. List accommodation requiring a paper administration:

☐ Yes ☐ No

3) Does the student require paper classroom tests in order to access content?

☐ Yes ☐ No

Justification Statement: *The IEP Team/504 Committee must also provide a justification statement as to why the IEP Team or 504 Committee has determined that the impact of the student's disability prevents access to online SOL assessments even with accommodations. Data should be referenced from the student's educational record including the most recent evaluation information, teacher observations, and classroom and state assessment performance history.*

Signed:

_____ Date _____

Course Content Teacher

_____ Date _____

Special Education Teacher

_____ Date _____

Parent

_____ Date _____

Building Administrator or Designee

_____ Date _____

Other

_____ Date _____

Other

*This completed form must be retained in the student's education record
and on file in the office of the Division Director of Testing.*

Section IIIB: (Complete for a Student with a Medical Condition)

The school team must determine that a student is eligible for a paper assessment based on answers to the three questions below. A response of "No" for any question indicates that the student is NOT eligible for a paper assessment in the content area listed in Section I of this form.

- 1) Does the student have a current medical condition documented by a physician or other health professional? (Letter must be attached.)

☐ Yes ☐ No

- 2) As a result of the medical condition, is the student unable to demonstrate his/her individual achievement on the online Standards of Learning test for the assigned course and grade level?

☐ Yes ☐ No

- 3) Does the student require paper classroom tests in order to access content?

☐ Yes ☐ No

Justification Statement: *The school team must also provide a justification statement as to why it has determined that the impact of the student's medical condition prevents access to online SOL assessments. Data should be referenced from teacher observations and from classroom and state assessment performance history. A letter from the student's physician must also be attached which documents the current medical condition that prevents access to online SOL assessments.*

Signed:

_____ Date _____

Division Director of Testing

_____ Date _____

Building Administrator or Designee

_____ Date _____

Course Content Teacher

_____ Date _____

Parent

_____ Date _____

Other

_____ Date _____

Other

This completed form must be retained in office of the Division Director of Testing.

Appendix D

Table of Testing Accommodations

Table of Testing Accommodations Available for the SOL <i>Non-Writing</i> Tests

The testing accommodations listed in the tables on the following pages are intended for students with disabilities and limited English proficient (LEP) students as noted. In order to receive an accommodation, the student must meet the criteria established for that accommodation. **Each table is a summary only and does not contain all the criteria or details associated with the accommodation.** Most of the accommodations listed in the tables are explained in greater detail in the Students with Disabilities or Limited English Proficient Students portions of Appendix C. The **Description** column on the table contains a brief description of the accommodation and any notations or restrictions for its use.

School staff are reminded that accommodations must be used only to provide equal access to the SOL assessment and may not provide an unfair advantage or be selected to enhance performance. All accommodation determinations must be documented in the student's IEP, 540 Plan, and/or LEP Student Assessment Participation Plan.

Dually Identified Students. LEP students who are also students with disabilities are referred to as “dually identified.” IEP/504 Teams **and** LEP Committees must work collaboratively to determine the assessment participation for dually identified students.

- The IEP/504 Team and LEP Committee jointly determine the statewide assessment participation based on the dually identified student's disability and LEP status.
- The IEP/504 Team and LEP Committee jointly determine special test accommodations based on the student's disability and LEP status.
- Statewide assessment participation and special test accommodations must be documented in the student's IEP/504 Plan and LEP Student Assessment Participation Plan.

Students with Temporary Conditions. Students who do not have an IEP or 504 Plan may be provided with appropriate special test accommodations needed to access the Virginia SOL tests if they have a documented temporary condition, such as a broken arm or injured hand. Documentation of the temporary condition and necessary accommodations must be maintained in the student's school/division file and appropriately coded in PearsonAccess.

Refer to the Key below for explanation of abbreviations or symbols used in the Table.

Key

Abbreviation Symbol	Explanation
SWD	This accommodation may be considered for students with disabilities and dually identified students.
LEP	This accommodation may be considered for LEP students and dually identified students.
SWD LEP	If SWD and LEP appear together in a cell, this indicates that the accommodation may be considered for students with disabilities, or LEP students, or dually identified students.
H	The accommodation is available on the <i>History/Social Science</i> test.
M	The accommodation is available on the <i>Mathematics</i> test.
R	The accommodation is available on the <i>Reading</i> test.
S	The accommodation is available on the <i>Science</i> test.
#	Under certain circumstances a SWD and/or LEP student who is <u>retesting</u> on the EOC <i>Reading</i> or Grade 8 <i>Reading</i> test (Grade 8 <i>Reading</i> only to demonstrate literacy requirement for a Modified Standard Diploma) may receive the accommodation even though the student has not been determined as eligible by the school division according to the criteria required for the read-aloud/audio accommodation on the <i>Reading</i> test. Refer to the SWD or LEP guidelines for criteria.
	The accommodation is not available for this test administration or for the content area indicated.

Table of Testing Accommodations Available for the SOL Non-Writing Tests Which Require a Code

*See Appendix C for additional details regarding certain accommodations.

Revised July 2015

Code	Accommodation	Student	Content Area				Description
1	Flexible Schedule *	SWD LEP	H	M	R	S	<ul style="list-style-type: none"> Testing with breaks requires the test to be completed within one school day; Multiple test sessions that involve testing over more than one school day require a paper test.
2	Dry Erase Board *	SWD	H	M	R	S	<ul style="list-style-type: none"> Use dry erase board as scratch paper. Must be video recorded or proctored.
4	Visual Aids *	SWD LEP	H	M	R	S	<ul style="list-style-type: none"> Aids for visually impaired students—CCTV, magnifiers, large monitor; Visual templates showing one word, sentence, line, or test item at a time (available with paper tests only); Graphic organizers—must be blank, containing no directions, words, letters, numbers, symbols, color coding, etc.
5	Amplification Equipment	SWD	H	M	R	S	<ul style="list-style-type: none"> Auditory trainer, whisper phone.
6	Large-Print Test *	SWD	H	M	R	S	<ul style="list-style-type: none"> Available with paper tests only.
8	Enlarged Answer Document *	SWD	H	M	R	S	<ul style="list-style-type: none"> Available with paper tests only. Responses must be transcribed to a standard answer document for scoring.
9	Braille Test *	SWD	H	M	R	S	<ul style="list-style-type: none"> Available with paper tests only.
10	Read-Aloud Test *	SWD LEP	H	M		S	<ul style="list-style-type: none"> Test items are read (in English only) to the student. Must be recorded or proctored.
11	Audio Test *	SWD LEP	H	M		S	<ul style="list-style-type: none"> A pre-recorded version of the test items.
12	Interpreting *	SWD	H	M		S	<ul style="list-style-type: none"> Signing, transliteration. Must be video recorded or proctored.
13	Communication Board, Choice Cards *	SWD	H	M	R	S	<ul style="list-style-type: none"> Communication board, choice cards. Must be video recorded or proctored. Requires transcription.
14	Read-Aloud <i>Reading</i> test *	SWD LEP*			R		<ul style="list-style-type: none"> <i>Reading</i> test is read (in English only) to the student. Student must meet eligibility criteria. Must be recorded or proctored. For SWD & LEP retesters see # in Key.
15	Audio <i>Reading</i> test *	SWD LEP*			R		<ul style="list-style-type: none"> A pre-recorded version of the <i>Reading</i> test items. Student must meet eligibility criteria. For SWD & LEP retesters see # in Key.
16	Interpreting the <i>Reading</i> test *	SWD			R		<ul style="list-style-type: none"> Interpreting (e.g., signing, transliteration) test items on the <i>Reading</i> test. Must be video recorded or proctored. Student must meet eligibility criteria.
17	Bilingual Dictionary *	LEP	H	M	R	S	<ul style="list-style-type: none"> LEP students may use a bilingual dictionary. Refer to LEP accommodation guidelines for assistance.
18	Examiner Records Responses *	SWD LEP	H	M	R	S	<ul style="list-style-type: none"> Student marks in test booklet, responds verbally, points, or otherwise indicates a response. May need to be recorded or proctored. Requires transcription.
19	Math Aids *	SWD		M			<ul style="list-style-type: none"> Use approved math aids, examples: abacus, number line, colored shapes. Refer to SWD accommodation guidelines for assistance.
20	Specific Verbal Prompts *	SWD	H	M	R	S	<ul style="list-style-type: none"> Examiner uses specific verbal prompts to keep student focused. Must be recorded or proctored.
21	Braille *	SWD	H	M	R	S	<ul style="list-style-type: none"> Student records responses to MC items using braille writer. Requires a paper test. Requires transcription.
22	Augmentative Communication Device *	SWD	H	M	R	S	<ul style="list-style-type: none"> Student responds by augmentative communication device. Must be video recorded or proctored. Requires transcription.
23	Spelling Aids *						
24	Dictation using a recording device						
25	Dictation to a scribe *	SWD	H	M	R	S	<ul style="list-style-type: none"> Student directs the scribe (in English only) through the process of writing out mathematical formulas and solutions, solving TEI, making notes, etc. Must be recorded or proctored.
26	Calculator or Arithmetic Tables *	SWD		M			<ul style="list-style-type: none"> Gr. 3 <i>Mathematics</i>—for use on the entire test. Gr. 4, 5, 6, 7 <i>Mathematics</i>—for use on the NON-calculator portion of the test. Grades 3-7 students must meet eligibility criteria. Grade 8 and EOC <i>Mathematics</i>—not applicable (see #28).
27	Other: Special Assessment Accommodation *	SWD	H	M	R	S	<ul style="list-style-type: none"> Prior approval from VDOE required. DDOT must submit the <i>Special Assessment Accommodation Request</i> form by the published deadline.
28	Calculator with Additional Functions *	SWD		M			<ul style="list-style-type: none"> Gr. 3 <i>Mathematics</i>—not applicable (see #26). Gr. 4-8 and EOC <i>Mathematics</i>—calculator with additional functions to those routinely supplied to all students. Student must meet eligibility criteria.
29	English Dictionary *	LEP	H	M	R	S	<ul style="list-style-type: none"> LEP students only may use a general English dictionary. Refer to LEP accommodation guidelines.
30	Read Back Response *						
A	Plain English Mathematics Test	SWD LEP		M			<ul style="list-style-type: none"> Grades 3-8 <i>Mathematics</i> and <i>Algebra I</i> only. LEP students must meet eligibility criteria.
B	Non-Standard Accommodation	SWD LEP	H	M	R	S	<ul style="list-style-type: none"> Contact VDOE for assistance.

**Table of Testing Accommodations Available for the SOL Tests
Which Do Not Require a Code**

Accommodation		Student	Content Area				Description
Timing/ Scheduling	Time of Day	SWD	H	M	R	S	Student is assessed during the time of day that is most appropriate for the student.
	Order of Tests	SWD	H	M	R	S	The order of tests administered is determined by what is most appropriate for the student.
Setting	Furniture	SWD	H	M	R	S	Student is assessed using adaptive or special furniture (balance balls, cushions, or raised desk surface).
	Location	SWD	H	M	R	S	Test is administered in an alternate location (to minimize distractions for the student or in a non-school setting).
Presentation	Written Directions Accompanying Oral Directions *	SWD	H	M	R	S	Student may be provided a copy of the written directions from the Examiner's Manual. Must be recorded or proctored.
	Interpreting/ Transliterating Directions *	SWD	H	M	R	S	The Examiner reads the testing directions which are interpreted/transliterated for the student.
Response	Additional Markers, Highlighters, Colored Pens, and/or Pencils *	SWD	H	M	R	S	The student may be provided additional dry erase markers (if the dry erase board accommodation is used), highlighters, colored pens and/or pencils.

* See Appendix C for additional details regarding these accommodations.

Appendix E

Test Irregularity Form

APPENDIX E
STANDARDS OF LEARNING (SOL) ASSESSMENTS

2015-2016 TEST IRREGULARITY FORM

The Test Irregularity Web Application System (TIWAS) is used to document and submit test irregularities. The STC may direct Examiners to use this form or parts of the form to document the test irregularity incident.

Division Name: _____ **Irregularity Number:** _____
Test Administration: _____ **Year:** _____ **Created Date:** _____ **By:** _____
☐ Regular ☐ Term Grad ☐ Exp Retake **Student Grade:** _____
School Name: _____ **Test Type:** ☐ Regular ☐ Regular Audio
No. of Students: _____ ☐ Large Print ☐ Braille
Test Session Name: _____ **Test Mode:** ☐ Paper ☐ Online

Test Level/Content Area/Subject		Form No. with Irregularity	Prompt No.	Assigned by TIWAS	
				Alternate Form No.	Prompt No.
FOR EXAMPLE: <input type="checkbox"/> Algebra I (2009)		M3025			
<input type="checkbox"/> 3					
<input type="checkbox"/> 4					
<input type="checkbox"/> 5					
<input type="checkbox"/> 6					
<input type="checkbox"/> 7					
<input type="checkbox"/> 8					
CSH	<input type="checkbox"/> Virginia Studies				
	<input type="checkbox"/> Civics & Economics				
End-of-Course	<input type="checkbox"/> Writing				
	<input type="checkbox"/> Reading				
	<input type="checkbox"/> Math				
	<input type="checkbox"/> Science				
	<input type="checkbox"/> History				

Student Names and STIs (attach list of additional names and STIs):

1. _____ 2. _____

Description of Irregularity (PLEASE PRINT):

Submitted to DDOT: ☐ YES ☐ NO

Submitted to VDOE: ☐ YES ☐ NO

SIGNATURE: _____ **DATE:** _____

This page may be photocopied.

Appendix F

List of Additional Resources

APPENDIX F
STANDARDS OF LEARNING (SOL) ASSESSMENTS
LIST OF ADDITIONAL RESOURCES

NOTE: The following web addresses were correct at the time of printing. Web addresses may be subject to change and will be updated as needed in subsequent *Test Implementation Manuals*.

Adult Ed General Educational Development (GED) Test
www.doe.virginia.gov/instruction/adulted/ged/index.shtml

College Board Tests (SAT, PSAT, AP, CLEP)
www.collegeboard.com/testing/

Elementary and Secondary Education Act (ESEA)
www.doe.virginia.gov/federal_programs/esea/index.shtml

Guidance Document Governing Certain Provisions of the Regulations Establishing Standards for Accrediting Public Schools in Virginia
www.doe.virginia.gov/boe/guidance/index.shtml

SOL Cut Scores Established by the Board of Education
www.doe.virginia.gov/testing/scoring/cut_scores.pdf

Modified Standard Diploma Cut Score for Grade 8 *Mathematics* 2009 Standards
www.doe.virginia.gov/administrators/superintendents_memos/2012/152-12.shtml

Previous Modified Standard Diploma Cut Scores
www.doe.virginia.gov/testing/scoring/modified_cut_scores.pdf

National Assessment of Educational Progress (NAEP)
www.doe.virginia.gov/testing/naep_natl_assessment_ed_progress/index.shtml

Pearson Support Center email
VAP@support.pearson.com

Principals' Memos
www.doe.virginia.gov/administrators/principals_memos/2015/index.shtml

Project Graduation, Virginia Graduation Requirements
www.doe.virginia.gov/instruction/graduation/project_graduation/index.shtml

School Report Card
www.doe.virginia.gov/statistics_reports/school_report_card/index.shtml

Single Sign-on for Web Systems (SSWS)
<https://p1pe.doe.virginia.gov/ssws/login.page.do>

Standards of Learning Assessments: Guidelines for Administering the Read-Aloud Accommodation
www.doe.virginia.gov/testing/participation/guidelines_read_aloud.pdf

Standards of Learning: Released Tests
www.doe.virginia.gov/testing/sol/released_tests/index.shtml

Standards & SOL-Based Instructional Resources
www.doe.virginia.gov/testing/sol/standards_docs/index.shtml

Appendix F, continued

Standards of Learning Tests: Cut Scores Established by the Board of Education
www.doe.virginia.gov/testing/scoring/cut_scores.pdf

Standards of Learning: Assessment Resources (calendars, manuals, ancillary materials)
www.doe.virginia.gov/testing/test_administration/index.shtml

Substitute Tests for Verified Credit
www.doe.virginia.gov/testing/substitute_tests/index.shtml

Superintendent's Memos (click the link on the right navigation bar on this page)
www.doe.virginia.gov/administrators/index.shtml

User's Guide for the Testing Irregularities Web Application System (TIWAS)
www.doe.virginia.gov/testing/test_administration/testing_irregularities/user_guide.pdf

VDOE: For Students and Parents (various links)
www.doe.virginia.gov/students_parents/index.shtml

VDOE Instructional Services
www.doe.virginia.gov/instruction/index.shtml

VDOE: News (Recent News Releases)
www.doe.virginia.gov/news/index.shtml

VDOE: Testing and Standards of Learning (main Web page)
www.doe.virginia.gov/testing/index.shtml

VDOE: Special Education
www.doe.virginia.gov/special_ed/index.shtml

VDOE: Standards of Quality
www.doe.virginia.gov/boe/quality/index.shtml

Virginia Alternate Assessment Program (VAAP)
www.doe.virginia.gov/testing/alternative_assessments/vaap_va_alt_assessment_prog/index.shtml

Virginia Board of Education
www.doe.virginia.gov/boe/index.shtml

Virginia Grade Level Alternative (VGLA)
www.doe.virginia.gov/testing/alternative_assessments/vgla_va_grade_level_alt/index.shtml


Virginia Substitute Evaluation Program (VSEP)
www.doe.virginia.gov/testing/alternative_assessments/vsep_va_substitute_eval_prog/index.shtml

Virginia's SOL Technology Initiative
www.doe.virginia.gov/support/technology/sol_technology_initiative/index.shtml

Appendix G

Online Tools













APPENDIX G
Online Tools, Icons, and Descriptions of Functions

Tool name	Tool Icon	Tool Limits*	Tool Description
Pointer		N/A	used to select a multiple-choice answer, place cursor in an answer box, plot points, select one or more answers, and drag answers from one location to another
Eraser		N/A	used to remove tool markings and choices marked as eliminated
Highlighter		100	used to highlight text or graphics <i>Once the 100th highlight is reached, any additional highlights will overwrite the last highlight made on the screen.</i>
Choice Eliminator		N/A	used to mark multiple-choice answers the student does <u>not</u> want to consider (this tool does not function on TEI questions)
Pencil		3000 (Non-Reading tests) 8000 (Reading tests)	used to make marks or notations <i>If 3000/8000 pencil points are reached an error message will appear – “Error 8024: You have drawn more than is allowed. Use the Eraser tool to remove some marks so you can draw more.”</i>
Ruler		N/A	used to measure an object on the screen; available in inches and metric
Straightedge Tool 1 (capped line)		100	used to draw a straight mark/line <i>Once the 100th capped line is reached, any additional capped lines will overwrite the last capped line on the screen.</i>
Tool 2 (line)		100	<i>Once the 100th line is reached any additional lines will overwrite the last line on the screen.</i>
Dot		25	used to create a dot on the screen <i>Once the 25th dot is reached, any additional dots will overwrite the last dot on the screen.</i>
Protractor		N/A	used to measure an angle
Exhibit		N/A	provides access to formula sheet, z-table (as applicable), and copyright information (on the sample item for all tests)
Compass		40	used for geometry constructions <i>Once the 40th arc is reached, any additional arcs will overwrite the last arc on the screen.</i>
4-Function Calculator		N/A	a calculator that adds, subtracts, multiplies, and divides
Periodic Table of the Elements		N/A	provides access to a <i>Periodic Table of the Elements</i>
Help		N/A	provides directions on how to use each tool; available on all tests

*Tool limits apply to each entire item, including: all panels/screens, pages in a passage, all test items associated with a passage, exhibits and tabs within an exhibit.

Appendix G, continued

Online Tools Available on the Grades 3–5 SOL Tests

SOL Test	Pointer	Eraser	Highlighter	Choice Eliminator	Pencil	Ruler	Straightedge Tool 1	Straightedge Tool 2	Dot	Protractor	Exhibit	4-Function Calculator
												
Grade 3 <i>Reading</i>	✓	✓	✓	✓	✓							
Grade 3 <i>Mathematics</i> CAT	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Grade 3 <i>Plain English Mathematics</i> CAT	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Grade 4 <i>Reading</i>	✓	✓	✓	✓	✓							
Grade 4 <i>Mathematics</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓ Part 2 only
Grade 4 <i>Plain English Mathematics</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓ Part 2 only
Grade 5 <i>Reading</i>	✓	✓	✓	✓	✓							
Grade 5 <i>Mathematics</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓ Part 2 only
Grade 5 <i>Plain English Mathematics</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓ Part 2 only

Appendix G, continued

Online Tools Available on the Grades 6–8 and Content Specific History SOL Tests

SOL Test	Pointer	Eraser	Highlighter	Choice Eliminator	Pencil	Ruler	Straightedge Tool 1	Straightedge Tool 2	Dot	Protractor	Exhibit	4-Function Calculator
												
Grade 6 Reading	✓	✓	✓	✓	✓							
Grade 6 Mathematics CAT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Formula Sheet	
Grade 6 Plain English Mathematics CAT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Formula Sheet	
Grade 7 Reading	✓	✓	✓	✓	✓							
Grade 7 Mathematics CAT	✓	✓	✓	✓	✓	✓	✓	✓	✓		Formula Sheet	
Grade 7 Plain English Mathematics CAT	✓	✓	✓	✓	✓	✓	✓	✓	✓		Formula Sheet	
Grade 8 Reading (2010 & 2002 SOL)	✓	✓	✓	✓	✓							
VMAS Grade 8 Reading	✓	✓	✓	✓	✓							
Grade 8 Mathematics CAT (2009)	✓	✓	✓	✓	✓	✓	✓	✓	✓		Formula Sheet	
Grade 8 Mathematics (2001)	✓	✓	✓	✓	✓	✓		✓			Formula Sheet	
VMAS Grade 8 Mathematics	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Grade 8 Plain English Mathematics CAT (2009)	✓	✓	✓	✓	✓	✓	✓	✓	✓		Formula Sheet	
Grade 8 Plain English Mathematics (2001)	✓	✓	✓	✓	✓	✓		✓			Formula Sheet	
Grade 8 Science	✓	✓	✓	✓	✓	✓		✓				✓
Virginia Studies	✓	✓	✓	✓	✓							
Civics & Economics	✓	✓	✓	✓	✓							

Appendix G, continued

Online Tools Available on the End-Of-Course SOL Tests

SOL Test	Pointer	Eraser	Highlighter	Choice Eliminator	Pencil	Ruler	Straightedge Tool 1	Straightedge Tool 2	Dot	Exhibit	Compass	4-Function Calculator	Periodic Table of Elements
													
<i>Reading (2010) and VMAST Reading</i>	✓	✓	✓	✓	✓								
<i>English: Reading (2002)</i>	✓	✓	✓	✓	✓								
<i>Algebra I (2009)</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	Formula Sheet			
<i>Algebra I (2001)</i>	✓	✓	✓	✓	✓	✓		✓		Formula Sheet			
<i>VMAST Algebra I</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓				
<i>Plain English Algebra I (2009)</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	Formula Sheet			
<i>Plain English Algebra I (2001)</i>	✓	✓	✓	✓	✓	✓		✓		Formula Sheet			
<i>Geometry (2009)</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	Formula Sheet	✓		
<i>Geometry (2001)</i>	✓	✓	✓	✓	✓	✓		✓		Formula Sheet	✓		
<i>Algebra II (2009)</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	Formula Sheet & z-table			
<i>Algebra II (2001 Revised)</i>	✓	✓	✓	✓	✓	✓		✓		Formula Sheet			
<i>VA & US History (2008)</i>	✓	✓	✓	✓	✓								
<i>World History I (2008)</i>	✓	✓	✓	✓	✓								
<i>World History II (2008)</i>	✓	✓	✓	✓	✓								
<i>World Geography (2008)</i>	✓	✓	✓	✓	✓								
<i>Earth Science (2010)</i>	✓	✓	✓	✓	✓	✓		✓				✓	
<i>Earth Science (2003)</i>	✓	✓	✓	✓	✓	✓		✓				✓	
<i>Biology (2010)</i>	✓	✓	✓	✓	✓	✓		✓				✓	
<i>Biology (2003)</i>	✓	✓	✓	✓	✓	✓		✓				✓	
<i>Chemistry (2010)</i>	✓	✓	✓	✓	✓	✓		✓				✓	✓
<i>Chemistry (2003)</i>	✓	✓	✓	✓	✓	✓		✓				✓	✓

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